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<u>ACTIVITIES</u>

DRAFT SF 298

1. Report Date (dd-mm-yy) 22-02-95	2. Report Type	3. Dates covered (from... to)

4. Title & subtitle AUTOMATION ACTIVITIES AND MAJOR SYSTEMS	5a. Contract or Grant #
	5b. Program Element #

6. Author(s) MARIA TURNER AMCDCG-A-AMIS	5c. Project #
	5d. Task #
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7. Performing Organization Name & Address ARMY MATERIEL COMMAND ACQUISITION MANAGEMENT INTEGRATION SUBCOMMITTEE	8. Performing Organization Report #

9. Sponsoring/Monitoring Agency Name & Address ARMY MATERIEL COMMAND (AMC) 10320 LITTLE PATUXENT PARKWAY, STE 304 COLUMBIA, MD 21044	10. Monitor Acronym
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12. Distribution/Availability Statement DISTRIBUTION STATEMENT A; APPROVED FOR PUBLIC RELEASE, DISTRIBUTION UNLIMITED.

13. Supplementary Notes CIM (COLLECTION)

14. Abstract Reference book which includes information on the Department of Defense's Corporate Information Management (CIM) Initiative; including information on DISA, OASD (C3I), and JLSC. Also contains information on acquisition reform; including information on the Army Materiel Command, systems, and their relationships.

15. Subject Terms CIM (Collection)

Security Classification of			19. Limitation of Abstract	20. # of Pages	21. Responsible Person (Name and Telephone #)
16. Report Unclassified	17. Abstract Unclassified	18. This Page Unclassified	Unlimited		Maria Turner 301-621-4106

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MAJOR INFORMATION ACTIVITIES

JCALS
JEDMICS
EDMS
ADCS
FCIM

*

*** JLSC
BG Wormington

SECRETARY OF DEFENSE
WILLIAM PERRY
DEPUTY SECRETARY OF DEFENSE
John Deutch

UNDER SECRETARY OF DEFENSE ACQUISITION AND TECHNOLOGY
Paul Kaminsky

PRINCIPAL DEPUTY UNDER SECRETARY OF DEFENSE ACQUISITION AND TECHNOLOGY
Noel Longuemare

SYSTEM ACQUISITION (CIM)
Irv Blickstein

PROCUREMENT (CIM)
Eleanor Spector

SCIENCE & TECH (CIM)
Anita Jones

TEST AND EVALUATION(CIM)
John Burt

ENVIRON SECURITY(CIM)
Sherry Goodman

ECONOMIC SECURITY(CIM)
Joshua Gotbaum

ATOMIC ENERGY(CIM)
Harold Smith

LOGISTICS (CIM)
** James R. Klugh

LOGISTICS
Mary Ellen Beattie

ACQUISITION REFORM
Coleen Preston

EC/EDI

COMMAND, CONTROL, COMMUNICATION AND INTELLIGENCE   ASD FOR C3I
Emmett Paige

Defense Information Systems Agency (DISA)
Lt Gen Albert J. Edmonds
(Chaired by Air Force)
- Technical Advisors within DOD
- Enterprise Integration Manager Responsible for Ensuring that Principal Staff Assistants Functional Requirements are Structured and Executed in an Integrated Fashion
- Operational Control of CIM Agenda

- - - - Denotes Interfaces
——— Denotes Reporting Authority

*   Major Systems
** Mr. Klugh is the Principal Staff Assistant (PSA) for CALS
*** BG Wormington (JLSC) will retire within 3 months.
     A replacement has not been selected.

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A&T CIM PROGRAM

Functional Area PSAs

Primary CIM POC

Functional Area		Name	Phone
Atomic Energy	PSA	Mr. Harold Smith	697-5561
	CIMDir	Capt Hurley, USN	325-2408
Acquisition Reform	PSA	Ms. Colleen Preston	695-6413
	CIMDir	Ms. Dee Smith	681-0214
Economic Security	PSA	Mr. Joshua Gotbaum	695-2880
	CIMDir	Ms. Nina McMillan	695-1470
	CIMDir	Mr. Russ Milnes	604-5763
Environmental Security - Installation	PSA	Ms. Sherry Goodman	695-6639
	CIMDir	Ms. Pat Meehan	695-7957
Logistics	PSA	Mr. Jim Klugh	697-1368
	CIMDir	Ms. Mary Ellen Beattie	697-8249
Procurement	PSA	Ms. Eleanor Spector	695-7145
	CIMDir	Capt. Ted Case	274-7575
Science & Technology	PSA	Ms. Anita Jones	697-5776
	CIMDir	Mr. Bob Tuohy	693-2978
Systems Acquisition Management	PSA	Mr. Irv Blickstein	695-0218
	CIMDir	Mr. Gary Christle	695-5166
Test & Evaluation	PSA	Mr. John E. Burt	695-7171
	CIMDir	Mr. Irv Boyles	697-4813

A&T CIM Program Office

A&T CIM Integration (ACI) Office

	Name	Phone
Director:	Dr. Michael Mestrovich	756-4740
Deputy Director:	DISA (A&T) Jerry Bennis	756-4742
DepDir	Mr. Leland Jordan	693-2982
Assoc DepDir	Mr. Gary Hurd	693-4594

CIMDir = Director, CIM Program/Office
All phone numbers use area code 703 and are correct as of February 1, 1995.

CIM CHRONOLOGY

13 OCT 93 -- Deputy Secretary Defense

- CIM COMMITMENT on FPI (functional process improvement)
- C3I Manage
    - functional and component requirements
    - processes for rengineering, standardizing data, migrating systems

26 OCT 93 -- USD(A)

- ARMY continue LEAD for JCALS Requirements for acquisition and logistics
- Defined COMPONENTS and JLSC as DRIVERS
- Addressed "Component Franchising"

12 NOV 93 -- ASD(C3I)

- CRITERIA FOR MIGRATION
    - Functional User Needs
    - Evolutionary Technical Architecture
    - Business Case Driven
    - Standard, Shared Data

22 NOV 93 -- ASD(C3I)

- $2M Threshold for AIS and OSD Functional Certification

1 DEC 93 -- ASD(C3I)

- Components & DLA continue defining PSA approved requirements

11 JAN 94 -- DUSD(A&T)

- Defined and assigned PSAs for USD (A&T)
- Selection & transition to migration systems
- Data Standardization & Functional Process Improvement
- USD (A&T)(API) responsible for integrating functional CIMs

11 MAR 94 -- USD(A&T)   (Response to MAISRC inquiries)

- Requested briefing at MAISRC IPR
    >> major weapon system acquisitions CALS/JCALS status
    >> PM JCALS assess Component Plans for JCALS

18 AUG 94 -- DUSD(A&T)

- Commitment to "Enterprise Integration"
- Assigned to DISA management of "Enterprise Integration"
- Directing functional and technical teaming
- Directed use of Defense Information Infrastructure for Migration Systems

- **In December 1994 Mr. Longuemare reinterated his commitment to the CIM Process.**

CIM
OSD A&T
PRINCIPAL STAFF ASSISTANTS
(PSAs)

Functional Areas & Responsibilities

Economic Security
DUSD, Ec Sec
- Industrial Security
- Dual Use Tech. Mgt.
- BRAC
- Internat'l Programs
- Installations Management

Systems Acquisition
Dir, API
- Oversight
- Program Mgt.
- Design/Engineering
- Tech Data
- Configuration Management

Logistics
DUSD(L)
- Material Managment
- Depot Mainteance
- Distribution Operations

Science & Technology
DDR&E
- Basic Research & Exploratory Development
- Modeling and Simulation

Procurement
DIR, Def Proc
- Procurement Policy
- Procurement Authorization & Funding
- Procurement
- Contract Administration

Environmental Security
DUSD, Ec Sec
- Environmental Technology Compliance & Prevention and Clean Up
- Occupational Health & Safety

Test & Evaluation
Dir, T&E
- Major Range Investment
- Range Management
- Test & Planning
- Data Standardization
- Configuration Mangement

Atomic Energy
ATSD (AE)
- Treaty Monitor Inspection
- Special Weapons Management
- Special Weapons Research
- Counterproliferation
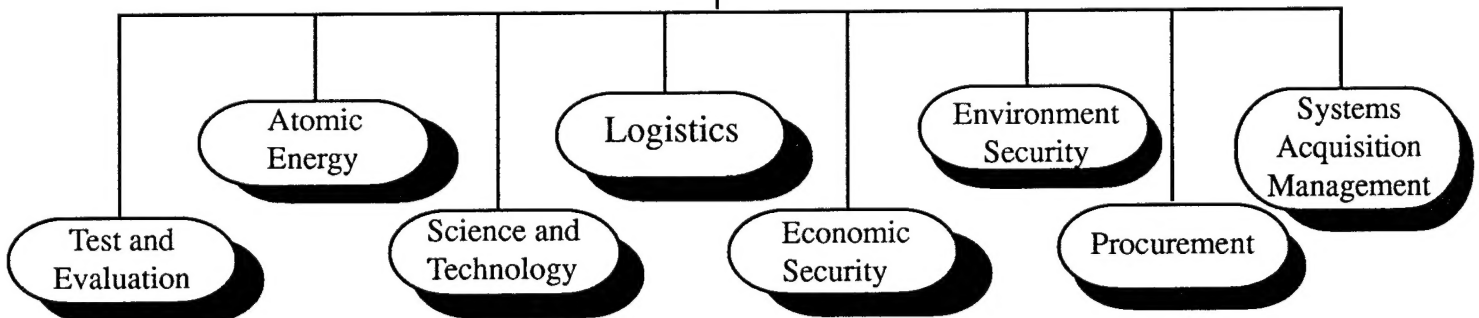
4

CIM FUNDING CHAIN

DOD COMPTROLLER

Command , Control, Communication And Intelligence
ASD for C3I
Emmett Paige

Deputy Assistant Secretary of Defense
Information Management
Cynthia Kendall

Allocates Funds

CIM CENTRAL FUND [4 years in Existence (FY91)]

FY 95 $106M - Operational & Maintenance
" $ 6M - Procurement

ACQUISITION & TECHNOLOGY

- Atomic Energy
- Logistics
- Environment Security
- Systems Acquisition Management
- Test and Evaluation
- Science and Technology
- Economic Security
- Procurement
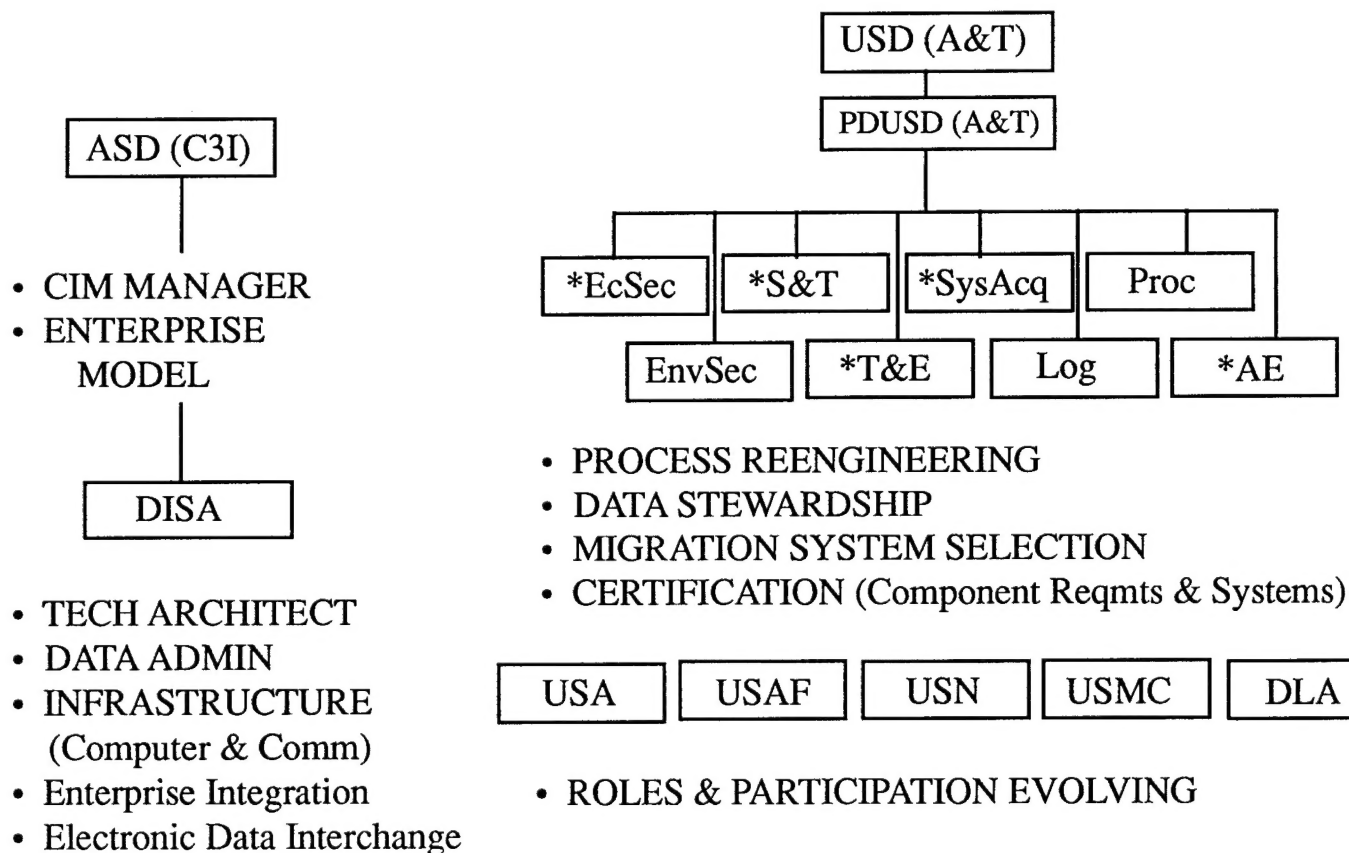
- Once a Candidate System becomes a Standard System
Deployment Expenses are generated from Service
Savings for implementation of the new system.

CIM

KEY PLAYERS

```
ASD (C3I)
```

- CIM MANAGER
- ENTERPRISE
  MODEL

```
DISA
```

- TECH ARCHITECT
- DATA ADMIN
- INFRASTRUCTURE
  (Computer & Comm)
- Enterprise Integration
- Electronic Data Interchange

```
USD (A&T)
PDUSD (A&T)
```

*EcSec	*S&T	*SysAcq	Proc

EnvSec	*T&E	Log	*AE

- PROCESS REENGINEERING
- DATA STEWARDSHIP
- MIGRATION SYSTEM SELECTION
- CERTIFICATION (Component Reqmts & Systems)

USA	USAF	USN	USMC	DLA

- ROLES & PARTICIPATION EVOLVING

* Emerging Functional Areas

6

CORPORATE INFORMATION MANAGEMENT (CIM)

DOD STRATEGY

- TO IMPROVE BUSINESS PROCESSES & PRACTICES
    - DOD-WIDE
    - INCREASE PRODUCTIVITY & LOWER COSTS

- BUSINESS PROCESS REENGINEERING

- DATA STANDARDIZATION

- MIGRATION SYSTEMS

- PROVIDE INFRASTRUCTURE (Computers & Communications)

CIM

<u>BUSINESS PROCESS REENGINEERING</u>

- DEFINE PROCESSES/ACTIVITIES

- STANDARD TERMS

- ELIMINATE NON-VALUE ADDED
  ACTIVITIES

- STANDARD DATA

- TECHNICAL SOLUTIONS

- MEET USER NEEDS
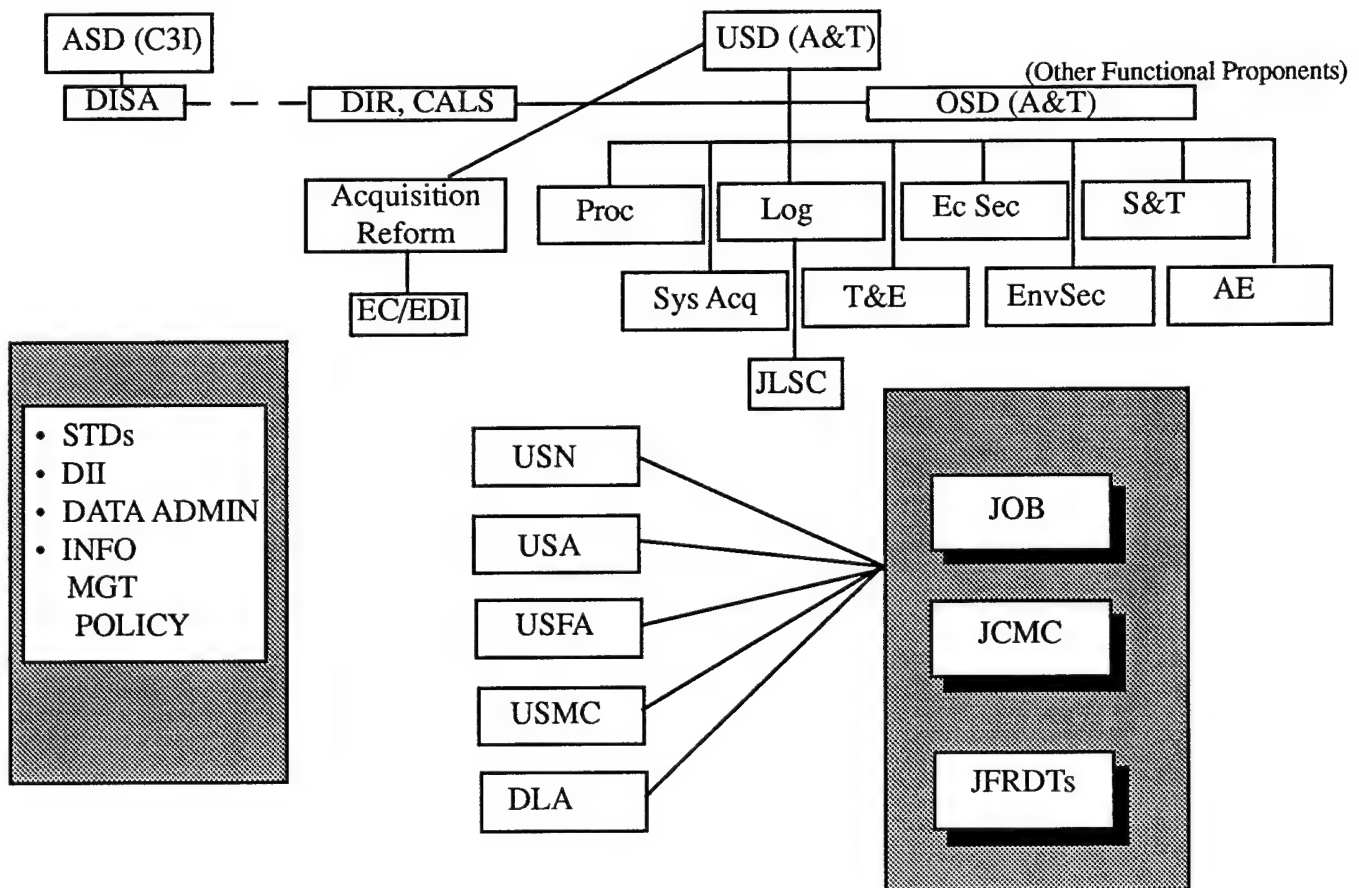
- TOOL FOR INVESTMENT TRADE OFFS

CIM

FY94 DOD APPROPRIATIONS ACT

- **OSD CERTIFICATION REQUIRED**
  - FOR AIS DEVELOPMENT OR MODERNIZATION
  - $2M THRESHOLD LIFE CYCLE

- **CRITERIA**
  - VALID FUNCTIONAL REQUIREMENTS
  - NOT DUPLICATIVE (AVAILABLE OR PLANNED)
  - APPLICATION SYSTEMS MUST USE DII

CIM
FUNCTIONAL REQUIREMENTS MANAGEMENT
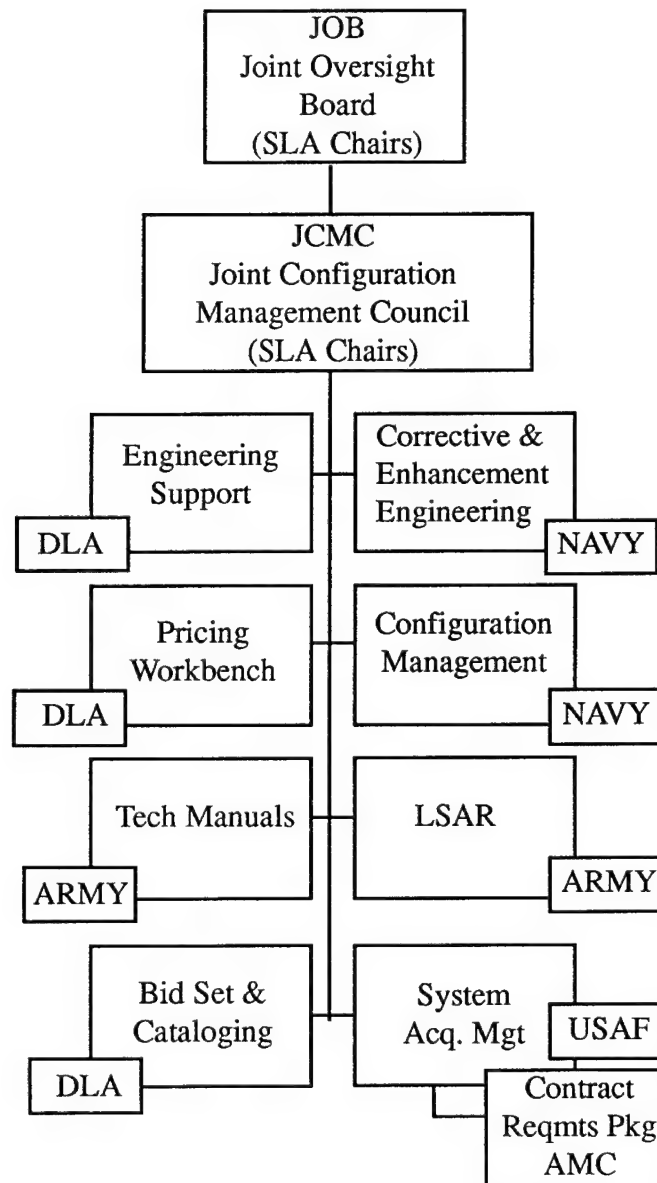
CIM

JOINT OVERSIGHT BOARD (JOB)

- CHAIR - ARMY

- PRIMARY VOTING MEMBERS
  - ARMY, NAVY, AIR FORCE, MARINES, DLA

- SPECIAL VOTING MEMBERS

  - ACQUISITION REFORM

  - CIM
    - USD (A&T)(FPI)   - LOGISTICS
    - PROCUREMENT   - SYSTEMS
    - ACQUISITION

- ADVISORY MEMBERS
  - OUSD (A&T) CALS   • PEOs
  - DISA   • PSAs

CIM

JFRDTs

CIM

JOINT FUNCTIONAL REQUIREMENT DETERMINATION TEAMS (JFRDT's)

- USD(A) TASKING 26 OCT 93
  - JCALS REQUIREMENTS MANAGEMENT
- ARMY LEAD
- JOINT SERVICE TEAMS
  - MISSION NEED STATEMENT
  - ABBREVIATED FUNCTIONAL DESCRIPTION
  - PRELIMINARY FUNCTIONAL ECONOMIC ANALYSIS
  - MOA's
    - AMONG PSA, OSD(PA&E), JFRDT, AND DEVELOPING PM FOR MILESTONES TO COMPLETE LCC BENEFIT ANALYSIS FOR EACH APPLICATION
- TEAMS BEGINNING TO DELIVER

CIM CONNECTIONS

CIM

DOD Strategy to Improve Business Processes
- Process Reengineering
- Migration Systems
- Data Standardization
- Computer & Communications Infrastructure

Joint Technical CoordinatingGroup (JTCG)

Integrated
Product
Data
Environment (IPDE)

Computer-Aided Acquisition
and Logistics Support
(CALS)

Flexible Computer
Integrated Manufacturing
(FCIM)

- Integrate Weapon System
Processes and Data
>> Design
>> Manufacturing
>> Support
- Transition From Paper to Digits

- Process Improvement
  - Integrate
    >> Inventory Management
    >> Engineering
    >> Manufacturing
- Process validation
- Technology Transfer

- Former CALS and FCIM Functional Coordinating Groups (FCG's)
  were combined on 9/15/94 to become the JTCG.
- CALS and FCIM are now the IPDE.

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CIM

SO FAR

- CIM GOAL - IMPROVE DOD BUSINESS via

    - AGGRESSIVE PROCESS REENGINEERING

    - CAREFUL TECHNOLOGY INSERTION

    - MANAGEMENT STRUCTURE
        - TECHNICAL & FUNCTIONAL

- MANAGEMENT STRUCTURE IS EVOLVING

- FUNCTIONAL SPONSORS & IM ROLES DEFINED

- CONGRESSIONAL ACTIONS ADDING DISCIPLINE

PRINCIPAL DEPUTY UNDER SECRETARY OF DEFENSE

3015 DEFENSE PENTAGON
WASHINGTON, DC 20301-3015

ACQUISITION AND
TECHNOLOGY

DEC 23 1994

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Enterprise Integration Roles and Responsibilities

Recent changes in our strategies for accomplishing Enterprise Integration (EI), both within A&T and across the DOD, necessitate clarification of roles and responsibilities.

At our recent off-site our issue group on Corporate Information Management (CIM)/EI proposed a new focus for CIM. Instead of treating CIM primarily as a management initiative, its prime purpose should be to provide a set of tools and capabilities to be used by management. It was recommended that Enterprise Integration be separated from CIM and more clearly identified as a primary PSA management responsibility. In pursuit of these recommended actions I am forwarding the recommended CIM/EI changes to ASD(C3I) and providing the following A&T guidance.

Each of the designated organizations in Attachment A have PSA responsibilities. The PSA's have three general management objectives: (1) Pursuing Enterprise Integration objectives both within their functional area of responsibility (including through their Service counterparts) and across collateral functional areas within A&T and across the DOD; (2) identifying and pursuing the use of quality shared data, through data standardization and electronic access, and (3) minimizing the duplication, and enhancing the interoperability of, DOD's information systems (through migration system selection and use of the Defense Information Infrastructure (DII)). The primary goal of these objectives is to enhance DOD performance both internally and externally.

PSA responsibility for EC/EDI programs both within A&T and across DOD are assigned to Mrs. Colleen Preston, DUSD(AR). Likewise, PSA responsibility for CALS both within A&T and across DOD is assigned to MG (Ret) James Klugh, DUSD(L). The PSA's will work directly with DISA as a team to execute their joint responsibility.

The Defense Information Systems Agency (DISA) will provide

coordination, management support and services in pursuit of these objectives through its Enterprise Integration Directorate. We have assigned DISA the responsibility for providing us the tools, methods and management support tasks for assisting us in achieving our objectives.

In addition, the DISA EI Directorate has day-to-day management responsibility for ensuring that our separate PSA EI functional requirements are being structured and executed in an integrated fashion. In this regard, DISA(EI) will report directly to me on progress and metrics for all migration, data, process improvement, technical infrastructure and cross-functional projects and activities. (Attachment B shows the relationship of the various PSA's within A&T and to DISA.) We are also in the process of moving the Defense Acquisition & Technology Data Center (DATC) and creating a resource management function to work under DISA(EI).

My expectation is that each PSA, working with DISA(EI), has established a baseline for its EI activities and will develop an active and aggressive program, with measurable metrics, for the next two years that we can tie to the Government Performance and Results Act, which becomes effective in FY97. As we discussed at our off-site, we have many opportunities for improved management but we have missed many of these opportunities because of poor information and communication. We now will commit ourselves to change that situation.

R. Noel Longuemare

Attachment

cc:
USD(A&T)
USD(Comptroller)
USD(P&R)
ASD(C3I)
Director, DISA

DEC 23 994

MEMORANDUM FOR ASSISTANT SECRETARY OF DEFENSE (COMMAND,
CONTROL, COMMUNICATION AND INTELLIGENCE)

SUBJECT: Corporate Information Management Strategic Plan and Enterprise
Integration Implementing Strategy

On 22 November 1994 your office, acting as Executive Secretary for the
Enterprise Integration Corporate Management Council (EICMC), asked for comments
on the rewrite of the current Corporate Information Management Strategy Plan and
Enterprise Integration Implementing Strategy. The following changes are
recommended:

We believe that the original purpose of CIM as a management initiative
should now be dramatically realigned. It is the consensus of the Principal
Staff Assistants in A&T (based on a recent off-site) that CIM should now be
viewed primarily as an effort to provide tools and capabilities that service
management, concentrating on information technology rather than the broader area
of Business Process Reengineering. To correct some prevailing
misunderstandings, it should be made clear that process reengineering is the
sole domain of those actually running the business on the front lines and cannot
be dictated centrally. We ask that concerted efforts and resources be placed
on: (1) projects and activities leading to quality shared data (through data
standardization); and (2) on minimization of system duplication and enhancement
of interoperability of DOD's information systems (through migration and
technical infrastructure projects).

Thus, we strongly recommend that: CIM/EI goals 1, 5, and 6 be DOD EI
goals to be implemented by each PSA and overseen by the EICMC; and that – Goals
2,3,4 be information management implementation goals of DOD under the purview of
ASD (C3I).

In addition, we ask that actions be initiated to move the current CIM
Central Fund resources under the direct control of the EICMC for prioritization
and management. The model of using DISA as a servicing agent providing
coordination, facilitative management services, tools, methods, metrics and the
cross-functional integration focus that has been working and is beneficial to
A&T. It should be adopted across the DOD to assist in meeting the EI goals.

Finally, given this refocus, I would suggest delaying the CIM report to
Congress that is due on 31 December 94, until we can report our activity in
making the changes suggested.

I have assigned the task of coordinating the changes to the DISA(EI)
Directorate. Please have your staff contact Dr. Michael J. Mestrovich, DISA
Deputy Director for EI for further input or coordination.

R. NOEL LONGUEMARE

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ASSISTANT SECRETARY OF DEFENSE

WASHINGTON, D.C. 20301-3040

October 28, 1994
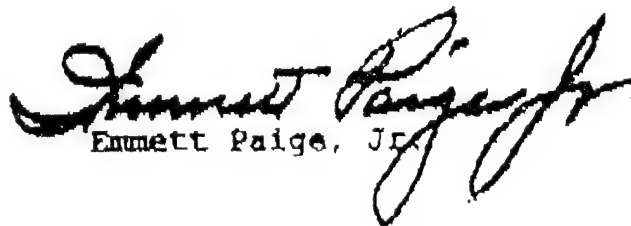
COMMAND, CONTROL,
COMMUNICATIONS
AND
INTELLIGENCE

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS
CHAIRMAN OF THE JOINT CHIEFS OF STAFF
UNDER SECRETARIES OF DEFENSE
DIRECTOR, DEFENSE RESEARCH AND ENGINEERING
ASSISTANT SECRETARIES OF DEFENSE
GENERAL COUNSEL OF THE DEPARTMENT OF DEFENSE
INSPECTOR GENERAL OF THE DEPARTMENT OF DEFENSE
DIRECTOR, OPERATIONAL TEST AND EVALUATION
ASSISTANTS TO THE SECRETARY OF DEFENSE
DIRECTOR OF ADMINISTRATION AND MANAGEMENT
DIRECTORS OF THE DEFENSE AGENCIES

SUBJECT: Selection of Migration Systems

With the October 13, 1993 memorandum on "Accelerated
Implementation of Migration Systems, Data Standardization, and
Process Improvements," the Deputy Secretary accelerated the pace
at which we select and deploy migration systems in order to
offset our declining resources. Your efforts have resulted in
significant progress.

Attached is the current list of migration systems that have
been selected for each functional area. This list should be used
to formulate your planning, programming and budgeting decisions
Much work remains in developing functional economic analyses,
planning implementation and fielding migration systems. This
list will be updated as we make progress.

If you have any questions, please contact Mr. Ken Glasser
extension 614-1996.

Emmett Paige, Jr.

Attachment

19

Migration Systems
(as of October 28, 1994)

Command and Control (as of September 13, 1994)

Global Command and Control System (GCCS)* (This system has been designated as the technical roadmap for all other C2 systems.)

Environmental Security (as of July 19, 1994)

OMB A-106 System
Compliance Deficiency Management Module
Defense Environmental Network Information Exchange (DENIX)

Finance (as of August 10, 1994)

Defense Civilian Payroll System (DCPS)
Defense Joint Military Pay System (DJMS)
Defense Retiree and Annuitant Pay System
Defense Travel Pay System (DTPS)
DoD Non- Appropriated Fund Central Pay System (NAFCPS) (This system is planed for eventual consolidation into DCPS.)
Defense Transportation Payment System (DTRS)
Defense Debt Management System (DDMS)
Mechanization of Contract Administration Services (MOCAS)

Health (as of September 19, 1994)

Administration (ADMIN)
Aerospace Physiology Information Management System (APIMS)
Army Health Care Financial Management System (AHCFMS)
Automated Central Tumor Registry (ACTUR)
Aviation Medicine Retrieval System (AMDRS)
BUMED Manpower Information System (BUMIS)
BUMED, Financial Management Information System (FMIS)
Cardiology Management Information System (CMIS)*
Centralized Credentials and Quality Assurance System (CCQAS)
CHAPUS Ready Access Information System (CRAIS)
CHAMPUS Detail Information System (CDIS)
Child/Spouse Abuse Reporting System (CSARS)
Composite Health Care System (CHCS)
Coordination Manager (CM)
Corporate Executive Information Systems (CEIS)*
Defense Automated Cost Engineering System DACES)
Defense Blood Standard System (DBSS)*
Defense Dental Standard System (DDSS)
Defense Medical Data Dictionary (DMDD)

Defense Enrollment Eligibility Reporting System (DEERS)
Defense Medical Human Resource System (DMHRS)
Defense Information System Network (DISN)
Defense Medical Logistics Standards Support System (DMLSS)*
DMPA Automated Resource Management Information System (DARMIS)
Document On-Line Optical Storage and Retrieval System (DOOSRS)
DOD Medical Examination Review Board (DODMERS)
Encoder/Grouper (ENC/GRP)
Exceptional Family Member Program Data Base (EFMPD)
Extension Service Division (ESD)
Family Advocacy Program - Central Registry Direct Access System (FAP-CRDAS)
Forensic Toxicology Drug Testing Laboratory System (FTDTLS)
Health Affairs/Office Automation Network (OAS)
Health Service Command - Union List of Serials (HSC-ULS)
Health Risk Appraisal (HRA)
Individual Patient Data System (IPDS)
Literature Retrieval System 2 (LRS-2)
Mainframe (MNFRMSYS)
Medical Occupational Data System (MODS)
Medical Open Architecture (MED-OA)
Medical Summary Reporting System (MSRS)
Medical Network (MEDNET)
Medical Boards Tracking System (MBTS)
Medical Expense and Performance Reporting System - Expense
Assignment System IV (MEPRS-EAS IV)
Microcomputer Medical Inventory Control System (MICRO-88)
Military Health Care Management Information System (MHCMIS)
National Claims Processing System (NCPS)
Occupational Health Management Information System (OHMIS)
OCHAPUS Europe Office Automation System/Active Duty Claims
        Adjudication System (CHAPEUR)
Office of Medical/Dental Affairs Claims Processing Systems 2
        (OMDA-CPS2)
Ophthalmic Automated Production System II (OPAS II)
Panograph/DNA (PANO/DNA)
PAthology Information Management System (PIMS)
Pathology Data Storage and Retrieval System (PADSTARS)
Patient Acuity Workload Management System (PAWMS)
Quality Audit Automated Data Management System (QAADMS)
Scheduling System (ADSS)
Shipboard Non-tactical ADP Program Automated Medical System
(SNAP-SAMS)
Source Data Collection/Editing System (SDCS)
Space Planning System/Equipment Planning System (SPS/EPS)
Spectacle Request Transmission System (SRTS)
Third Party Outpatient Collection System (TPOCS)
TRANSCOM Regulating and Command and Control and Evacuation System
(TRAC2ES)
U.S. Army HIV Data System (USARDS)

UNIX Network System (UNIX)

Human Resources

Defense Civilian Personnel Data System (DCPDS)*
MEPCOM Integrated Reporting System (MIRS)*
Joint Recruiting Information Support System (JRISS)
Real Time Automated Personnel Identification System (RAPIDS)
Standard Installation Topic Exchange System (SITES)*
Defense Commissary Information System (DECIS)

Intelligence (as of October 21, 1994)

DOD Intelligence Management System (DODIIMS)
Intelligence Communications and Requirements Information System (ICARIS)
Collection Management Support Tools (CMST)/JCMT
HUMINT Operational Communications Network (HOCNET)
Defense Attache Worldwide Network (DAWN)
MASINT Requirements Data base (MRDBS)
Requirements Management System (RMS)
Technical Control and Analysis Center Product Improvement Plan (TCAC/PIP)
EMERALD
Modernized Integrated Data Base (MIDB)
Joint Maritime Information Element (JMIE) Support System
Enhancement and Modernization (JMIE/JEM)
WRANGLER
ANCHORY
Distributed Characteristics and Performance Database
Foreign Materiel Management System (FORMMS)
HARMONY
High Performance Scientific Computing Research System (HPSC)
Central Information Reference and Control System (CIRC)
Machine Translation (MT)
Measurement and Signature Intelligence Analysis (MPAS)
Design and Analysis of Reference Threat Signature (DARTS)
Multisource Integrated Notification System (MINS)
VISION/Very Intelligent Surveillance Target Acquisition (VISTA)
Perspective Image Generation and Exploration System (PERIGEE)
Noncommunications Signals Exploration System (NSAS)
Improved Many on Many (IMOM)
Target Material work Station (TMWS)
Softcopy Exploitation Environment (SEE)
Image Product Archive (IPA)
Image Data Exploitation System II (IDEX II)
Modular Dissemination System
Generic Area Limitation Environment (GALE)
Standard Tactical Receive Equipment Display (STRED)
Mapping, Chart, and Graphics Production System

DODIIS Dissemination
Communication Support Processor - Higher Order Language (CSP-HOL)
DODIIS Automated Message Handling System (AMHS)
NEWSDEALER/NEWSSTAND
Radiant Mercury
Joint Maritime Command Information System (JMCIS)
     Naval Tactical Command System Afloat (NTCS-A)
     OSIS Baseline Upgrade (OBU/OED)
All Source Analysis System (ASAS)
Combat Intelligence System (CIS)
     Constant Source
     Intelligence Correlation Module (ICM)
     Rapid Application of Air Power (RAAP)
     Sentinel Byte
Intelligence Analysis System
Special Operations Forces - Intelligence Vehicle (SOF-IV)
Integrated Survey Program
Linked Operations/Intelligence Centers Europe (LOCE)
Defense Intelligence Threat Data System (DITDS)

Logistics (as of October 28, 1994)

Materiel Management Standard System (MMSS) (The MMSS will include the logic and functionality of the following subsystems/applications.)
     Stock Control System (SCS)
     Deficiency Reporting System (DRS)
     Initial Requirements Determination/Readiness Based Sparing (IRD/RBS)
     Simultaneous, Multi-Indentured, Multi-Echelon Computations (SMMC)
     Requirements Computation Systems (RCS)
     Maintenance Planning and Execution System (MP&E)
     Central Secondary Item Stratification (CSIS)
     Configuration Management Information System (CMIS)
     Requirements Data Bank (RDB)
     Provisioning, Cataloging, and Technical Support System (PCTSS)
     Product Definition Support System (PDSS)
Depot Maintenance Standard System (DMSS) (The DMSS will include the logic and functionality of the following subsystems/applications.)
     Baseline Advanced Industrial Management (BAIM)
     Programmed Depot Maintenance Scheduling System (PDMSS)
     Depot Maintenance Management Information System (DMMIS)
     Interservice Materiel and Accounting Control System (IMACS)
     Depot Maintenance Hazardous Materiel Management System (DM-HMMS)
     Tool Inventory Management Application (TIMA)
     Enterprise Information System (EIS)
     Laboratory Information Management System (LIMS)
     Facilities and Equipment Maintenance (FEM)
Distribution Standard System (DSS) (The DSS will include the logic and functionality of the following subsystems applications.)

Area-Oriented Depot Modernization (AOD/MOD)
Production Control System (PCS)
Standard Depot System (SDS)

Transportation Systems
Transportation Operational Personal Property System (TOPS)
Worldwide Port System (WPS)
Global Transportation Network (GTN)
Defense Transportation Tracking System (DTTS)
Joint Air Logistics Information System (JALIS)

Systems Providing Unique Functionality
Continuous Integrated Logistics System (CILS)
Defense Automatic Addressing System (DAAS)
Defense Medical Logistics Standard System (DMLSS)
Defense Integrated Subsistence Management System (DISMS)
Disposal Automated Information System (DAISY)
Defense Fuels Automated Management System (DFAMS)
Federal Logistics Information System (FLIS)
Automated Radiological Controls Management Information System (ARCMIS)
Nuclear Integration Information Management System (NIIMS)
Radiological Controls Computer System (RCCS)
Ammunition Management Standard System (AMSS)

Policy (as of October 17, 1994)

Foreign Disclosure and Technical Information System (FORDTIS)
Foreign Visits System (FVS)
U.S. Visits System (USVIS)
International Security Agreements System (ISAS)
National Disclosure Policy System (NDPS)
Defense Security Assistance Management System (DSAMS)

Procurement (as of July 8, 1994)

Standard Procurement System (SPS)
- Mechanization of Contract Administration Services (MOCAS) and DPACS

* Target System

PROCUREMENT CORPORATE INFORMATION MANAGEMENT(CIM)

MISSION:

• Direct the development, implementation, and management of integrated, coordinated, and uniform policies and programs to govern DoD procurement worldwide in accordance with applicable public laws and regulations; to guide DoD managers in the conduct of business related activities; and, to achieve effectiveness and efficiency.

• Direct the development and implementation of DoD policies and procedures for system acquisition business planning and strategies and review of programs to assure compliance.

CURRENT EFFORT:

• Examine Business Processes and data to eliminate redundancy and inefficiency.

• Develop migration systems:
   - Standard procurement system (SPS), formerly DPACS;
   - MOCAS.

• Accelerating migration plans per DEPSECDEF 13 OCT 94 memo.

• Migration systems selected March 1993.

• Reassessing commercial off the shelf software.

OBJECTIVES:

• Standardize modular software for all procurement activities.

• Standardized information exchange with activities related to procurement, e.g., comptroller, logistics, industry.

• Implement SECDEF accelerated deployment schedules.

Acting, Staff Director: Mr.Ted Case

PROCUREMENT CORPORATE INFORMATION MANAGEMENT STRUCTURE

FUNCTIONAL REQUIREMENTS MANAGEMENT

AIR FORCE FRM

ARMY FRM (Mr. Craterfield)

NAVY/MARINE CORE FRM

DLA/DCMC FRM

OTHER -DMA -DFAS FRM

PROCUREMENT PRINCIPAL STAFF ASSISTANT (Mrs. Eleanor Spector)

Deputy Col Hassebrock

PROCUREMENT COUNCIL Mr. Robert Donatuti

PROCUREMENT PROJECT MANAGEMENT OFFICE - Capt. Edward Case

BUSINESS CASE MANAGEMENT

DATA MODELING

PROCESS MODELING

TECHNICAL LIAISON

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ACQUISITION AND TECHNOLOGY CORPORATE INFORMATION MANAGEMENT (CIM)

MISSION:

- Strategic Planning.

- Business Improvements.
  Process Re-engineering.
    - A. Data initiatives;
    - B. Technical initiatives.

- A&T functional CIM offices.

- Relationship among A&T initiatives.

- Process and data initiatives undertaken concurrently.

- Technical infrastructure supports data and processes.

- All functional initiatives coordinated with other CIMs (within A&T and external).

Director of Acquisition Program Integration:
Mr. Irv Blickstein

LOGISTICS CORPORATE INFORMATION MANAGEMENT (CIM)

MISSION:

• Provide acquisition, management, movement and maintenance of the materiel in the DOD inventory.

• Provide reliable, flexible, cost-effective and prompt materiel support, logistics information, and services;

• Achieve a lean infrastructure;

• Accomplish the above by making selective investments in technology, training, and process reengineering. . . and employ the most successful commercial and government sources and practices.

DIRECTOR: Ms. Mary Ellen Beattie

LCIM System

DOD Acquisition Reform
Mission

The mission of the DOD acquisition system is to:

(1) Establish affordable solutions to needed military capabilities;
     and

(2) Acquire products and services to meet those needs --

   - That will provide the best value to the Government over
     the life cycle of the product or service;

   - Using the most efficient, timely, and effective acquisition
     strategy.

   - While supporting the nation's social policies, protecting the
     public trust, and fostering the development of an integrated
     National industrial and technology base composed of globally
     competitive U.S. suppliers.

Deputy Under Secretary of Defense: Ms. Colleen Preston

DOD Acquisition Reform
Major Goals

I.   Enhance the Needs (Requirements) Determination Processes (what we buy)

II.   Improve the Systems Acquisition Process (how we buy)

III.   Improve the Procurement Process (how we buy)

IV.   Improve Contract Administration (how we buy)

V.   Improve Government Contract Terms and Conditions
        (Legal, Pricing and Finance Issues) (under what terms and conditions we buy)

VI.   Change the Culture

VII.   Define Measures of Success - Metrics

VIII.   Enabling Actions

DOD Acquisition Reform Goals & Execution

I. Enhance the Needs (Requirements) and Determination Process (what we buy)

A. Specifications & Standards Reform -- Eliminate DoD - unique products or process specifications that: inhibit the purchase of commercial systems, subsystems, components, or services; or dictate to a contractor how to produce a product or provide a service.

B. Enhance the Integration of the Needs (Requirements) Determination, Resource Allocation (PPBS), and Acquisition Process.

II. Improve the Systems Acquisition Process (how we buy)

A. Commercial Practices -- Use Commercial Practices to acquire Military Unique Items, as well as Commercial Items.

B. Improve the Service and OSD Milestone Decision-Making and Information Collection Processes for Major Systems.

C. Streamline and Make More Effective and Realistic Developmental, Live-Fire, & Operational Testing.

D. Provide More Funding Flexibility (i.e. Color of Money) & Stability -- to Manage Programs in the Best Manner Possible.

E. Improve Realism in Project Planning.

F. Reduce Time to Field Systems & Provide for Infusion of New Technology.

G. Improve Management of Joint Service Programs.

H. Improve Management of Cooperative and FMS Programs.

III. Improve the Procurement Process (how we buy)

A. Adopt Internal Best Practices -- Ensure that DoD Emulates Best Procurement Practices of World - Class Customers and Suppliers.

B. Use Technology to Enable Reengineering -- Make Maximum Use of Technology to Facilitate and Enable Reengineering of the Acquisition Process.

C. Improve the Software Procurement Process.

D. Ensure Better Cost, Schedule, and Performance Adherence for Major Systems.

E. Develop a New Method of Pricing Non-Competitive Contracts.

F. Provide Better Incentives for Managing Long-Term Sole Source Contracts.

DOD Acquisition Reform Goals & Execution

IV. Improve Contract Administration (how we buy)

    A.   Shift from Inspection to Process Control to Results Orientation.

    B.   Ensure Oversight & Review of Contractor Management add Value and are Minimally Obtrusive.

V. Improve Contract Terms and Conditions (Legal, Pricing, and Financing Issues)

    A.   Eliminate, to the Maximum Extent Practical, Government Unique Terms and Conditions.

    B.   Foreign Contracting & Contingency Operations -- Update Laws Regarding Contingencies, the Lending/Borrowing of Defense Equipment, and "War Risk" to Contractor Personnel.

    C.   Reduce Disputes -- Reduce bid protests and Claims, and streamline the process for addressing them within DoD.

VI. Change the Culture

    A.   Increase the Quality and Effectiveness of the Acquisition Workforce.

    B.   Make Both Federal and DoD Acquisition Regulations and DoD System Acquisition Policies Better Facilitate the Acquisition Process.

    C.   Balance Gains to Further a Government Interest vs. the Cost to Implement -- can't Afford "Perfect System".

    D.   Build and Environment for Continuous Process Improvement.

    E.   Utilize Integrated Decision / Integrated Product and Process Development Teams.

    F.   Improve Supplier Involvement.

    G.   Make DoD Organizations Participants, Not Inspectors.

    H.   Ensure That DoD Activities Do Not Request Information of Other DoD Activities or DoD Contractors Unless Absolutely Necessary.

    I.   Make the Acquisition System More Flexible, Timely and Responsive.

    J.   Empower the Acquisition Workforce.

VII. Define Measures of Success -- Metrics

    -    Establish Clear Measurements of System Responsiveness and Metrics to Determine Success of Change Efforts.

VIII. Enabling Actions

    -    Establish Step-by-Step Plan of Action to Implement and Institutionalize Acquisition Reform.

CHARTER FOR THE PROCESS ACTION TEAM
ON
AUTOMATED ACQUISITION INFORMATION

I. Background

The acquisition environment is characterized by a proliferation of tools to aid in the management and reporting of program execution. In an attempt to leverage their combined efforts, the DUSD(AR), Army, Navy, and Air Force initiated a team to develop processes that would allow for increased sharing of tools throughout DoD while ensuring certification for consistency of products to assist in acquisition.

Combined with the above goal is the DoD responsibility for dissemination of accepted acquisition policy reform to the grass roots level of program management. These goals have increased focus and need to have a dissemination process developed by a team with more participation than the original working group. Accordingly, the team has been reconstituted as a Process Action Team (PAT) with added representatives from Defense Logistics Agency, Defense Information Systems Agency, Defense Systems Management College, and the Principal Staff Assistant for Systems Acquisition Management Corporate Information Management.

DoD needs to ensure that future tools (e.g., automated day-to-day tracking and analysis, automated solicitation development aids and "good ideas" to aid the Acquisition Community) will be developed within a process that reduces redundancy, capitalizes on innovative technology and will be operable in an environment that allows for maximum user participation.

II. Authority

The Under Secretary of Defense (Acquisition and Technology) directs the formation of a process action team to include representatives from OSD, the Military Departments, DISA, DSMC and DLA.

III. Purpose

The Team, within 60 days, will:

1) define a vision for a DoD-wide Automated Acquisition Information concept and process while considering the importance of maintaining Service and Agency unique requirements and in coordination with the developing Systems Acquisition Management (SAM) Corporate Information Management (CIM) efforts;

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2) define the process by which acquisition tools, information, policy and guidance needed by OSD, the Services and in particular Program Managers are identified, certified and shared throughout DoD; and

3) develop a roadmap to implement and institutionalize an Automated Acquisition Information concept and process.

To accomplish these goals this PAT will address the following specific objectives:

* Develop a forum and process for communicating and propagating acquisition policy, reform initiatives, lessons learned, "wisdom", "good ideas", and the results from pilot programs.

* Develop a process which encourages initiative, while reducing redundancy, for introducing new automated acquisition information and tools.

* Develop a process for certifying and upgrading acquisition tools and information.

* Develop guidance that leads to greater interoperability while maintaining appropriate controls and protecting the classification of information.

IV. Roles and Responsibilities

There will be a Board of Directors for this Process Action Team. The Board will consist of General Yates, USAF, Commander, Air Force Materiel Command; Vice Admiral Bowes, USN, Commander, Naval Air Systems Command; Mr. Charles, USA, Deputy Assistant Secretary of the Army for Plans, Programs and Policy, RD&A; Rear Admiral Vincent, Deputy Director (Acquisition), Defense Logistics Agency; and Mr. Blickstein, Director, Acquisition Program Integration operating as the Principal Staff Assistant for Systems Acquisition Management Corporate Information Management.

The Under Secretary of Defense (Acquisition and Technology) appointed Captain Tom Davis, USN, as the Process Action Team Leader. The Team Leader will be responsible for task accomplishment, management of Team activities, and reporting.

The Military Departments, the Defense Logistics Agency, Defense Systems Management College, Office of Under Secretary of Defense (Acquisition Reform) and the Director of Acquisition Program Integration shall provide representatives.

The efforts of the Automated Acquisition Information PAT will be coordinated with the DUSD(AR) directly by the PAT and through the Board of Directors to ensure its efforts are consistent with other Acquisition Reform initiatives.

V. Resources

The Team will also seek ideas and comments from other organizations as appropriate.

OSD, the Military Departments, and the Defense Logistics Agency will provide the funds to support all costs (e.g., travel, personnel, administrative) of their respective members to the Team.

VI. <u>Schedule</u>

The Team will begin this effort on January 17, 1995, and provide bi-weekly status reports to the Board of Directors and the Acquisition Reform Senior Steering Group.

Recommendations will be coordinated within the Military Departments, Defense Agencies, and OSD. A draft report with recommendations and implementation plan will be provided to the DUSD(AR) no later than 60 days after the Team begins its work. The final report will be given to the USD(A&T) for his approval.

Charter for the Process Action Team

on the

Oversight and Review of the Systems Acquisition Process

I. Background

As a result of the 1989 Defense Management Report, the then-Under Secretary of Defense (Acquisition) directed that DoD acquisition policy documents, DoD Directive (DoDD) 5000.1 and DoD Instruction (DoDI) 5000.2, be updated. The updated documents were approved on February 23, 1991 DoDI 5000.2 was amended by Change 1, dated February 26, 1993.. The updated directive and instruction attempted to establish a DoD-wide uniform acquisition process with no Service-level supplementation to accomplish the following objectives:

-- Create a streamlined and disciplined defense acquisition system covering acquisition programs in all acquisition categories.

-- Ensure that all systems are thoroughly reviewed at the appropriate decision level.

-- Ensure that rigorous criteria are met at each development milestone before approval is given to proceed.

Each of the Military Departments and acquiring Defense Agencies have implemented the current DoDD 5000.1 and DoDI 5000.2 and have been operating under the new guidance.

Today, the Defense Acquisition Board, which grew out of the Packard Commission report of 1986, serves as an advisory body to the Under Secretary of Defense (Acquisition & Technology) who is the Defense Acquisition Executive. The Defense Acquisition Board (DAB) is chartered in DoDD 5000.49. The process by which the DAB operates is outlined in Section 13-A of DoDI 5000.2. That same section mandates a similar oversight process within the DoD

Components. The documentation required to support DAB and Component-level decisions is provided in Section 11-C of DoDI 5000.2. The reports required to support OSD and Component-level phase oversight is provided in Section 11-D of DoDI 5000.2. The information required for program management is provided throughout the Instruction, with special emphasis in Section 11-E of DoDI 5000.2 on management plans.

In January 1992, at an offsite hosted by OSD, representatives of the DAB principals and the Military Departments reviewed the operation of the DAB, the process leading to a DAB review, and the documentation required for a DAB review. The group found that the process established in DoDD 5000.1 and DoDI 5000.2 was basically sound. A number of minor changes to DoDI 5000.2 were recommended and adopted. The group also agreed that the DAB process "will need revisions after users have more experience with it."

Now, after three years of operation under the current version of DoDI 5000.2 and after numerous DAB and Component-level reviews, it is time to consider improvements in the process by incorporating lessons learned. More importantly, the new set of political, economic, and military security challenges facing the United States and the corresponding decline in the DoD's manpower and budget require the Department to find ways to dramatically reduce overhead so that a disproportionate share of the defense budget is not going into management and control. We cannot accommodate these reductions without making changes in the current acquisition process, including the process by which the Department's weapons systems are overseen.

II. Authority

The Principal Deputy Under Secretary of Defense (Acquisition & Technology)

(PDUSD(A&T)) directed that a cross-functional process action team be formed including representatives from the Office of the Secretary of Defense staff, the Military Departments (including PEOs and PMs), the Joint Staff, the Ballistic Missile Defense Organization, USSOCOM, and the Defense Acquisition University. The team will be comprised of representatives selected to ensure a broad acquisition perspective. A significant number of the team members will be from program offices or PEO offices who have recently gone through a milestone review. All members should have had recent milestone review experience. Additional functional and technical support and coordination will be provided from other offices as needed.

III. Purpose

The team will develop, within 90 days, a comprehensive plan to re-engineer the oversight and review process for systems acquisition, in both the Components and OSD, to make it more effective and efficient, while maintaining an appropriate level of oversight. The team shall be guided by, but not limited to, the following goals:

- Determine the level of oversight and review necessary to ensure efficient (in terms of time, number of people, and cost involved in oversight and review) and effective acquisition programs and to encourage trade-offs among performance, cost, schedule, and the industrial base. The level of oversight and review must weigh the costs of oversight against the risk of making inadequately informed program decisions.

- Ensure that program oversight and review add value to the particular acquisition program. All DoD organizations that contribute to the acquisition process should function as an integrated team.

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-- Ensure that requirements for information necessary to conduct efficient and
effective program oversight and review at both the Component and OSD levels
utilize data that program offices already collect and manage to the maximum
extent practicable. Any necessary additional information should be obtained with
the fewest administrative burdens on the program office.

IV. Roles and Responsibilities

The Executive Director of this process action team will be Dr. Spiros Pallas. The Team
Leader will be COL John Caldwell. The Team Leader will be responsible for task
accomplishment, management of team activities, and reporting. The OSD staff, the Military
Departments, BMDO, USSOCOM, and the Joint Staff will provide representatives familiar with
the oversight and review process. The team will be composed of individuals who understand
the roles and responsibilities of the following:

- Program Manager
- Program Executive Officer
- Component Acquisition Executive
- Defense Acquisition Executive
- DAB Committee Chair
- Component Acquisition Executive Staff
- Functional Proponents (e.g., logistics, cost analysis, testing, industrial affairs,
   CALS, etc.)
- DAB/Service-Level Review Principals (e.g., Comptroller, DDR&E, DOT&E,
   DPA&E, etc.)

——   DAB/Service-Level Review Executive Secretary

——   User or user representative

Issues, ideas, and comments will be sought from all interested parties as necessary. The Deputy Under Secretary of Defense (Acquisition Reform) and the Executive Director of the Process Action Team will determine the final composition of the team.

V. Task Objectives

For the purposes of this review, the process action team should assume that the current milestones and phases will continue to apply to the defense acquisition programs. Note that another Process Action Team is being formed to examine the acquisition process as well as the integration of the acquisition process with the requirements determination and resource allocation processes. The team should also assume the current statutory regime taking into account legislation expected to be enacted this year. The team may provide an assessment of how the current milestones and phases could be changed to provide a more efficient and effective acquisition process. The team may also propose statutory changes, if necessary. The team will accomplish the following tasks:

a.   Identify the critical decisions that must be made by both the Components and OSD at each milestone.

b.   Identify the information necessary to support those overseeing and reviewing programs at all levels, to include milestone decision authorities. Also identify the information necessary to support oversight and review of programs during the

acquisition phases.

c. Identify the most effective and efficient means to make the essential information available to the intermediate Component-level managers (e.g., PEO, CAE), the milestone decision authority, and appropriate staffs. In doing this, take account of the information already available to the program manager.

d. Develop a set of alternatives to implement the goals stated in the purpose statement above.

e. Identify barriers to implementation of each of the proposed alternatives, identify relevant policy issues, and develop options for dealing with the barriers. Determine the ease or difficulty of making proposed changes.

f. Evaluate the impact of implementing these alternatives on the ability to support a milestone decision, and recommend a preferred approach.

g. Identify any required changes to current policies, directives, instructions, regulations, or training courses, and any other actions needed to implement the preferred approach and to effect any necessary cultural changes.

h. Develop metrics to measure progress towards the new system.

i. Create a plan for implementing the preferred recommendations, including resource and training requirements, to ensure implementation of changes as

expeditiously as possible, with specific time frames for action on each

recommendation, and identification of individuals and/or organizations

responsible to ensure the action is carried out. Identify how to structure

incentives into the process to assure pursuit of the preferred approach.

j.   Identify a system for follow-up to assure compliance with recommendations and

ensure recommendations are accomplishing the goals with minimum side effects.
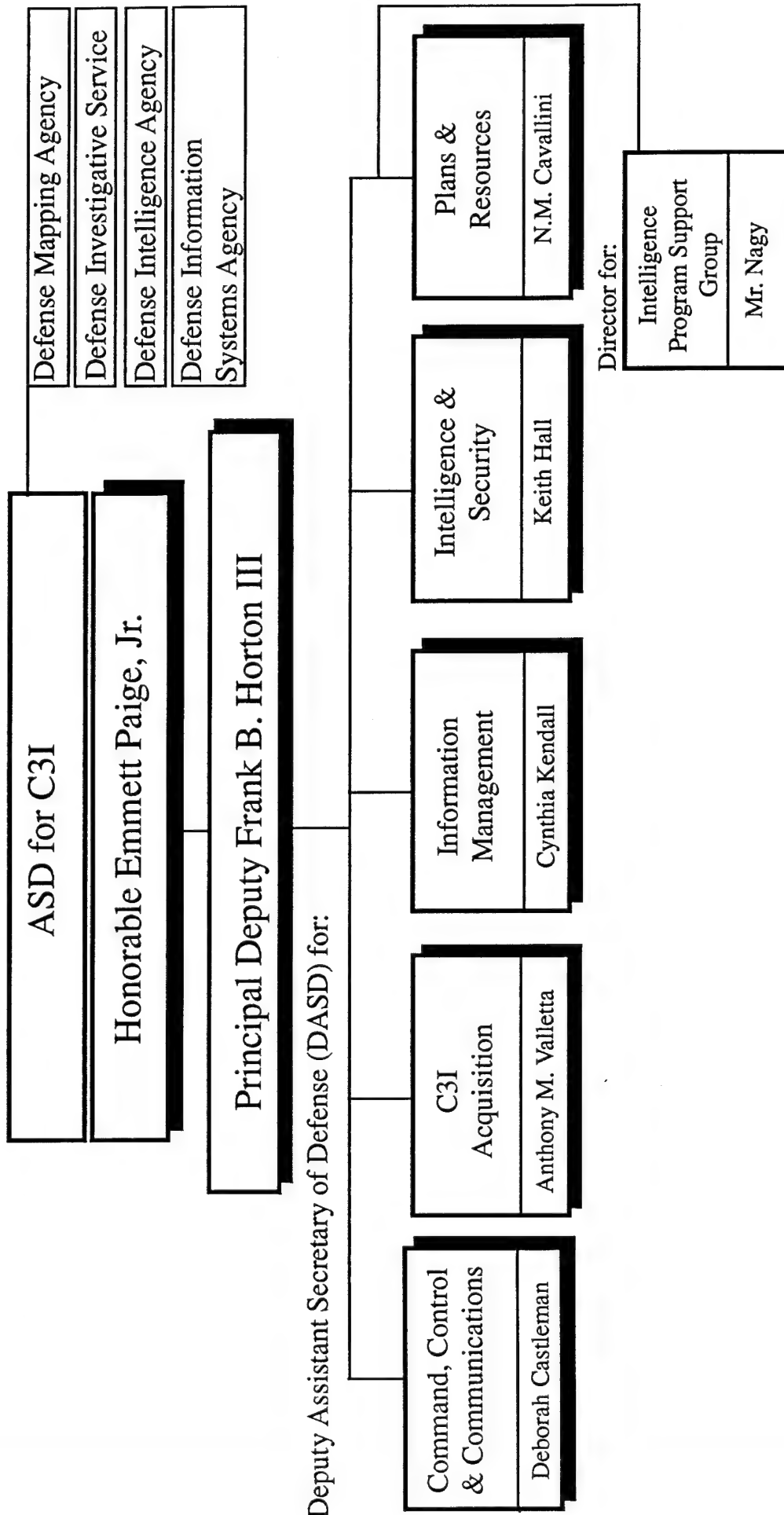
VI. Resources

OSD, the Joint Staff, and the other Components will provide the funds to support all costs (e.g., travel, personnel, administrative) of their members to this team. DUSD(AR) will provide funds to support team travel (other than TDY).

VII. Schedule

The process action team will start this effort immediately. The team will provide an interim report to the Acquisition Reform Senior Steering Group (ARSSG) and to the PDUSD(A&T) 30 days after their effort begins. The team will provide a draft final report to the ARSSG and to the PDUSD(A&T) 60 days after the effort begins. Team members shall communicate with their departments, agencies, and offices regularly during development of the report. Recommendations will be coordinated with the Military Departments, the Defense Agencies, the Joint Staff, and the OSD staff through the ARSSG. The team will consider comments received on the draft report and recommendations and will provide a final report and recommendations, with implementing documentation, to the DUSD(AR) no later than 90 days after the team begins its work. The final report will be given to the PDUSD(A&T) for his approval.

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE FOR COMMAND, CONTROL, COMMUNICATIONS AND INTELLIGENCE

ASD for C3I

Honorable Emmett Paige, Jr.

Principal Deputy Frank B. Horton III

Defense Mapping Agency

Defense Investigative Service

Defense Intelligence Agency

Defense Information Systems Agency

Deputy Assistant Secretary of Defense (DASD) for:

Command, Control & Communications	C3I Acquisition	Information Management	Intelligence & Security	Plans & Resources
Deborah Castleman	Anthony M. Valletta	Cynthia Kendall	Keith Hall	N.M. Cavallini

Director for:

Intelligence Program Support Group
Mr. Nagy

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COMMAND, CONTROL, COMMUNICATION AND INTELLIGENCE (C3I)
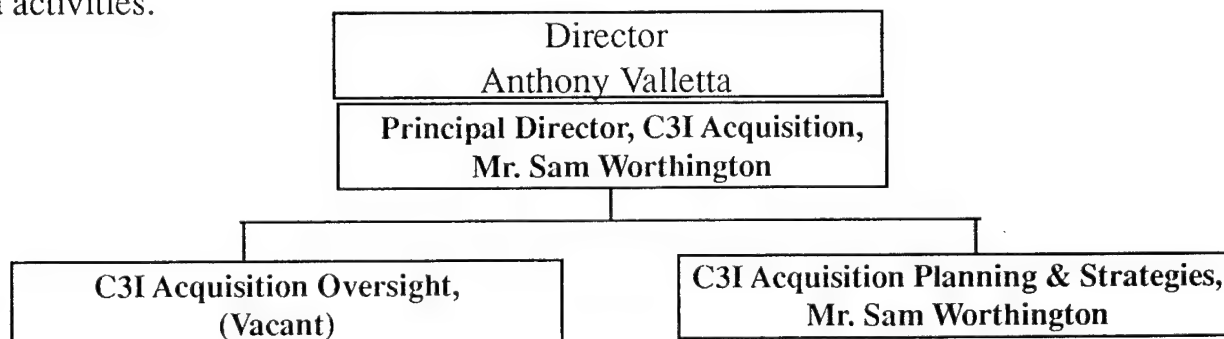
Information Management

MISSION:

• Develops and implements information management (IM) policies, programs, and standard; oversees the implementation of effective management structures to execute the IM functions; integrates the principle of information management into all of the Department's functional activities.

• Provides support to functional managers for implementation of a functional process improvement plan to document business methods, integrate functional IM programs, and enable users to achieve improved support.

• Establishes policy and oversees data and information systems standardization programs including DOD-wide data administration, information technology reuse, standards, software management and other technical programs.

• Serves as the Functional Data Administrator for information management.

• Develops the Corporate Information Management (CIM) Central Fund budget and oversees the execution of CIM programs; reviews and approves the Defense Information Systems Agency (DISA) Program Plans in support of the CIM initiative.

• Oversees the transition of the Department's information technology and services to an integrated Defense Information Infrastructure.

• Develops Automated Information Systems training, education and technical assistance programs for information management professionals.

• Serves as the Department's interface to Congress, the Office of Management and Budget and the General accounting Office on information management and information technology issues.

• Serves as the Executive Secretary to the Enterprise Integration Corporate Management Council (EICMC) and chairs the Corporate Functional Integration Board, a standing committee of the (EICMC), to address cross-functional integration issues under the CIM.

Director: Ms. Cynthia Kendall

COMMAND, CONTROL, COMMUNICATION AND INTELLIGENCE (C3I)
ACQUISITION

MISSION:

• Directs the establishment, development and implementation of C3I and Information Resources Management (IRM) acquisition policy, processes, programs, and standards within OASD (C3I).

• Supports the Defense Acquisition Board (DAB), chairs the C3I Systems Committee and when designated chairs the Major Automated Information Systems Review Council (MAISRC) in acquisition of C3I/ Automated Information Systems (AIS).

• Oversees the C3I Functional Data Administration program.

• Coordinates C3I portion of Technical Base, the Science and Technology Thrust Areas, and Advanced Technology Demonstrations.

• Manages acquisition reform and the acquisition corps program within OASD (C3I) and supports the Defense Acquisition Workforce Improvement Act (DAWIA) implementation.

• Develops and enforces C3I and IRM acquisition committees within the Department, Federal Government and the private sector.

• Reviews and transmits Agency Procurement Request to General Services Administration for selected Defense Agencies.

• Oversees OASD (C3I) involvement with Disadvantaged Businesses and Historically Black Colleges and Universities.

• Participates in all National Information Infrastructure and Defense Information Infrastructure related activities.

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                    ┌─────────────────────────────┐
                    │         Director            │
                    │      Anthony Valletta        │
                    ├─────────────────────────────┤
                    │ Principal Director, C3I Acquisition, │
                    │      Mr. Sam Worthington     │
                    └─────────────────────────────┘
         ┌────────────────────────┴──────────────────────────┐
┌──────────────────────────────┐    ┌──────────────────────────────────────┐
│  C3I Acquisition Oversight,  │    │ C3I Acquisition Planning & Strategies, │
│          (Vacant)            │    │        Mr. Sam Worthington             │
└──────────────────────────────┘    └──────────────────────────────────────┘
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DEFENSE INFORMATION SYSTEMS AGENCY (DISA)

MISSION:

The Defense Information Agency's (DISA) mission as the information systems leader is to plan, engineer, develop, test, acquire, implement, and maintain information systems for all of DoD. DISA's primary mission is to provide flexible and affordable information services to support the Warfighters' C4I function. The fundamental building blocks are interoperability and modernization brought about by technology insertion, with a focus on the Joint & Combined Task Force Doctrine. . . . ruggedized, modular equipment; and a fully integrated, interoperable infosphere that will provide the warfighter with a fused, real-time ground truth picture of the battle space; and robust, vertical and horizontal information connectivity with superiors, peers and subordinates regardless of where they're located, what their mission, or to what uniformed service or allied nation they belong.
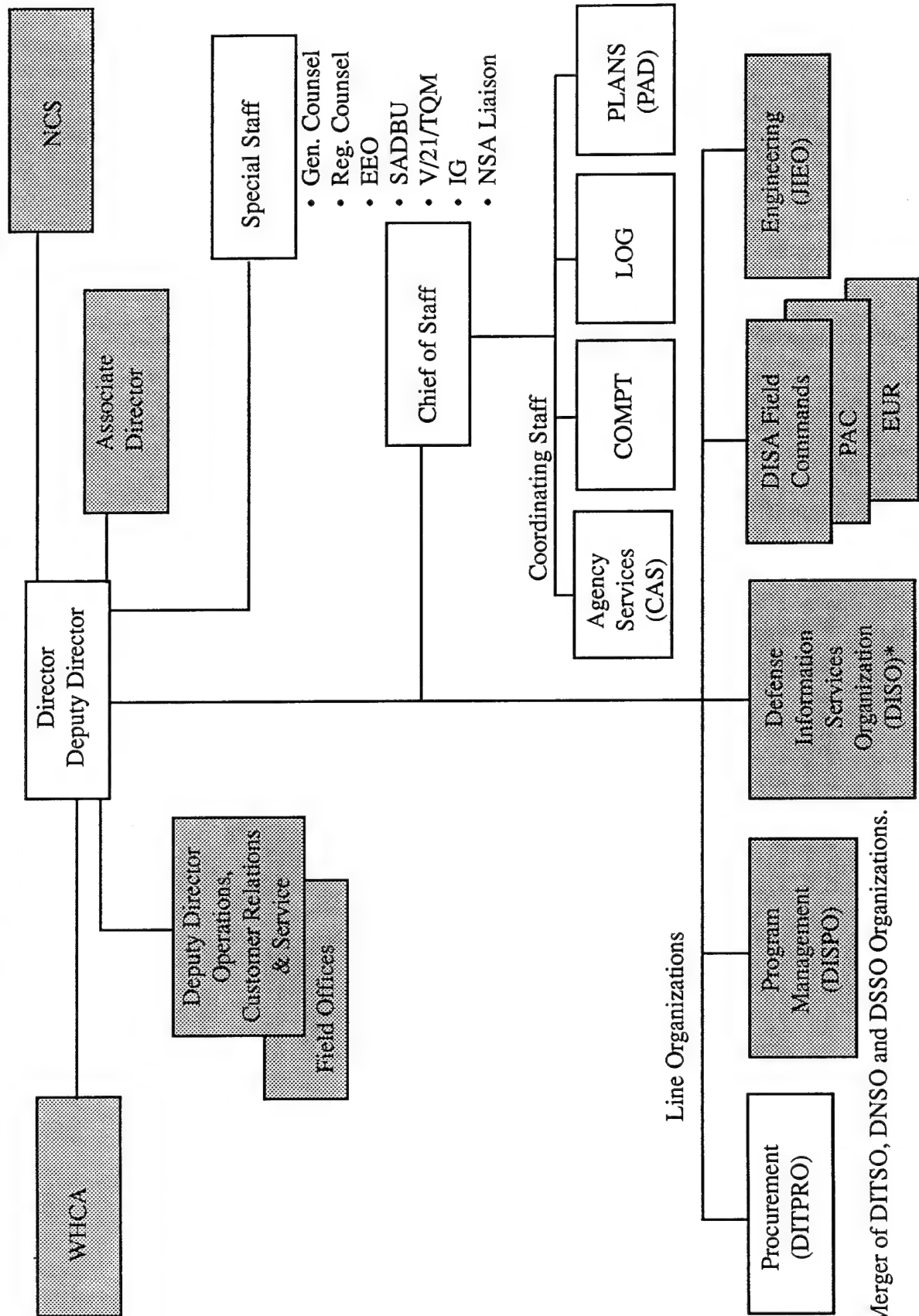
DISA'S FUTURE:

DISA will remain focused on :

• Flexible and affordable support to the warfighters;

• Creation of a single information utility;

• Managing the DII;

• Continuing current efforts in integration, engineering, technology insertion, testing and security;

• Remaining customer-focused and responsive.

"Quality Information for a Strong Defense"

The DISA Special and Coordinating Staffs
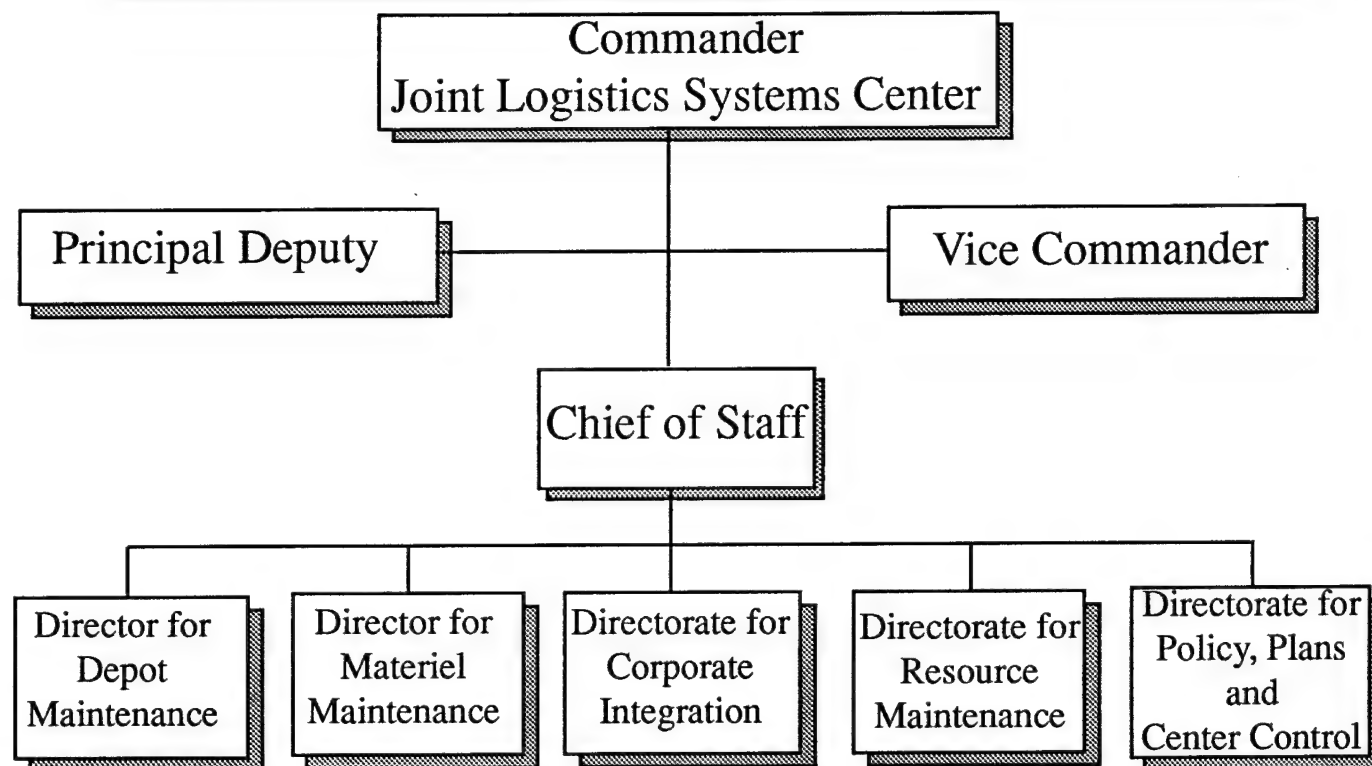

* Merger of DITSO, DNSO and DSSO Organizations.

JOINT LOGISTICS SYSTEMS CENTER (WRIGHT PATTERSON AIR FORCE BASE, OHIO) (JLSC)

MISSION:

• Achieve Corporate Information Management goals for the DoD logistics business area by managing the design, development, implementation, and maintenance of an integrated DoD logistics process system and facilitating development and implementation of improved business practices.

• Streamline and standardize functional processes;
  - Process improvements;
  - Eliminate unnecessary business.

• Streamline, standardize and share data.

• Provide and continually improve DOD technical infrastructure.

• Use common strategy of evolving migration from "as is" to the "to be".

• Realize short range economies --plan for future.

* BG JOHN B. WORMINGTON
  COMMANDER

* BG Wormington is retiring within three months.
A replacement has not yet been selected.

JLSC Organization & Staffing

```
                    Commander
          Joint Logistics Systems Center

Principal Deputy                      Vice Commander

                    Chief of Staff

 Director for     Director for    Directorate for   Directorate for   Directorate for
   Depot           Materiel         Corporate         Resource        Policy, Plans
 Maintenance      Maintenance      Integration       Maintenance          and
                                                                     Center Control
```

**STRENGTH BY COMPONENT

	Army	Navy	Air Force	DLA	Marines	Admin	DISA	Total
Total	45	42	87	32	14	33	7	250*
On Board	37	35	76	29	10	30	4	217
Vacant	2	7	11	3	4	3	3	33*
*(Selected)	(2)	(1)	(0)	(1)	(0)	(0)	(0)	(4)*

* Excludes DISA and Interface Organization

** Under Restructure
 - Organization will decrease in size.
 - JLSC may become JPO.

DIRECTOR OF INFORMATION SYSTEMS FOR COMMAND, CONTROL COMMUNICATIONS AND COMPUTERS (ODISC4)

MISSION:

• Manage the development, implementation and compliance of Information Mission Area (IMA) policy;

• Develop requirements, obtain resources, and monitor execution of sustaining base, tactical and strategic command, control, communications, and automation systems;

• Plan, develop and manage the Army Information Architecture and Embedded Software to ensure standardization and interoperability;

• Manage the research, development, and acquisition of communications, command and control, and information systems;

• Provide oversight of joint military satellite communications programs and projects;

• Manage the Army Information Systems Security Program and the Army Spectrum Management Program.

Director: LTG Otto Guenther

ODISC 4
VDISC 4

PLANS AND PROGRAMS DIRECTORATE

C4 MODERNIZATION & INTEGRATION DIRECTORATE

ARCHITECTURE DIRECTORATE

ARMY INFORMATION DIRECTORATE

SPECTRUM MANAGEMENT DIRECTORATE

ANALYSIS AND EVALUATION DIRECTORATE

ARTIFICIAL INTELLIGENCE DIRECTORATE

INFORMATION SYSTEMS SELECTION AND ACQUISITION AGENCY
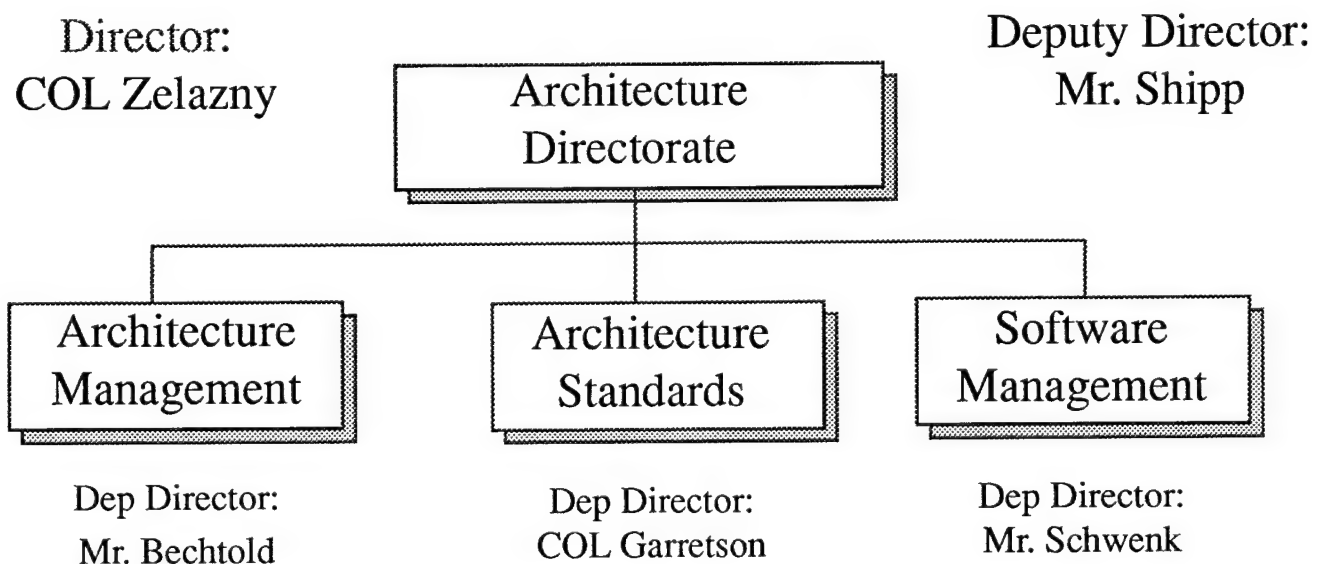
ODISC4

ARCHITECTURE DIRECTORATE

MISSION:

The mission of the Architecture Directorate is to develop and manage the Army Information Architecture (blueprint for meeting Army Information requirements) through the execution of the Army Enterprise Vision and Implementation Plan. Responsible for integration of new technology initiatives into AIA to include Advanced Technology Demonstrations, Louisiana Maneuvers, modeling and simulation, and horizontal technology integration. Identify, develop, manage and implement standards that provide interoperability for the IMA through Army Information Systems Standardization and Interoperability programs. Serve as Army Data Manager responsible for data modeling, data model integration, and data standardization. Develops and executes Army Software Management Program addressing software engineering improvements, software life-cycle management oversight and the institution of software reuse.

FUNCTIONS:

Architecture;
Standardization;
Interoperability;
Software Management.

Director:
COL Zelazny

Deputy Director:
Mr. Shipp

Architecture Directorate

Architecture Management	Architecture Standards	Software Management

Dep Director:
Mr. Bechtold

Dep Director:
COL Garretson

Dep Director:
Mr. Schwenk

ODISC4

INFORMATION SYSTEMS SELECTION AND ACQUISITION AGENCY

MISSION:

The US Army Information Systems Selection and Acquisition Agency (USAISSAA) serves as the central selection organization for the Army for information systems requirements by acquiring equipment, software, systems and services with an estimated life cycle value in excess of $10 million. USAISSAA may retain any procurement below the $10 million threshold when it is deemed by the DISC4 to be in the best interest of the Army. USAISSAA administers resultant Army-wide contracts and other selected contracts which may have impact on the US Army.

As the Army's exclusive agent with the General Services Administration in obtaining and managing information resources procurement authority, USAISSAA submits Agency procurement requests to GSA for acquisitions governed by the Brooks Act and retains or redelegates the authority received from GSA. USAISSAA supports the DISC4 IRM oversight program by performing acquisition oversight reviews throughout the Army. Additionally, USAISSAA approves requests for exemption under the Warner Ammendment when the requirement involves the command and control of military forces, or when it is critical to the direct fulfillment of military of intelligence missions. DISC4 has redelegated full authority to approve the use of the Warner Amendment by the Director of USAISSAA for all acquisitions conducted by USAISSAA.

FUNCTIONS:
Major Systems Acquisition;
SBIS, RCAS, JCALS, Etc.;
Delegations of Procurement Authority.

DIRECTOR: Mr. Enrico Merendini

ODISC4
ANALYSIS AND EVALUATION OFFICE

MISSION:

Responsible for direct acquisition support to the DISC4 as Military Deputy to the Army Acquisition Executive (AAE), and as Senior Information Resource Management (IRM) Official for the Army; Responsible for direct technical acquisition support to the ODISC4 directorates and offices; Development and execution of effective acquisition controls and innovativeness for the Information Management Area (IMA) organizations; Responsible for support of Automated Information Systems (AIS) and major Defense Acquisition Systems research and development and provide direct IMA/AIS (Theater/Tactical Strategic and Sustaining Base) Program Management oversight. Manages the conduct of the Major Automated Information System Review Council (MAISRC) for Sustaining Base, Theater/Tactical and Strategic Systems; and provide analysis and support to the IMA Program Offices (PEO Communications, PEO Command and Control Systems, PEO Standard Army Management Information Systems and PM Army Information Systems) and some weapon systems under the Army Systems Acquisition Review Council (ASARC) and Defense Acquisition Board (DAB).

FUNCTIONS:
AAE MILDEP Support/Technical Acquisition Assistance;
MAISRC Life Cycle Management Oversight;
GSA & OSD IRM Policy Management;
PEO/PM Policy & T&E Policy Management.

CHIEF: Ms. Greenhouse

ODISC4
ARTIFICIAL INTELLIGENCE DIRECTORATE

MISSION:

Responsible for the US Army's artificial intelligence program and the successful technology transfer of advanced information capabilities into the Army. This responsibility is carried by three specific submissions: (1) serve as the Army proponent for artificial intelligence technology application across the Army; (2) support HQDA and MACOMs by applying proven artificial intelligence techniques, procedures and methodologies to Army corporate management processes and their associated information systems; and (3) transfer information technology through the focused development of intelligent tools which support advanced information technology capabilities and ensure that the Army remains at the leading edge of information technology by maintaining frequent, high level contacts with industry and the academic community.

FUNCTIONS:
AI Program Proponency;
Knowledge Engineering;
Automated Problem Solving;
Learning/Expert Systems;
Robotics.

Chief: LTC Dollahite

HQDA DCSLOG
STRATEGIC LOGISTICS AGENCY (SLA)

MISSION:

SLA serves as a HQDA DCSLOG Staff Support Agency functioning as the strategic logistic planner and integrator for the DCSLOG. Mission focus is total logistics: supply, maintenance, transportation, procurement, services, and distribution management. Guides the development, definition, policies, functions, and structure for the implementation of a single Army logistics system operational through the early decades of the 21st century.

SLA serves as the ODCSLOG's agent for change; develops logistics initiatives and process improvements which will improve efficiency, effectiveness, readiness, and sustainment to the total force; emphasizes process improvements which support "Just Enough. . . .Just on Time".

Conducts studies, analyses, test and evaluations of current functional and automation architectures, operational logistics concepts and doctrine, emerging system changes, state of the art technology, and the requirements reported by the operational and strategic communities in long range planning documentation, and develops long range strategic logistics functional and operational concepts. Develops the Strategic Logistics Plan which contains near-, mid-, and long-range goals, functional guidance and implementation milestones to link Army efforts with the DOD Strategic Logistics Plan (DOD Logistics 2010) et.al. The time period for the Army Strategic Logistics Plan (SLP) is from the present through ten years beyond The Army Plan (TAP). Ensures results of resource considerations are included in the SLP.

Directs the development and execution of actions plans to achieve savings or efficiencies resulting from the implementation of assigned Defense or Army logistical process, procedural, managerial and systems changes. Serves as the ODCSLOG agent for logistics modernization; ensures that functional proponents initiate requirement or needs documentation necessary for program initiation. Assures that near term initiatives are prioritized, consolidated and synchronized where possible or feasible.

Serves as Army lead agent and the ODCSLOG functional proponent for logistics Corporate Information Management (CIM) and Computer-aided Acquisition and Logistics(CALS). Serves as the ARSTAF action agent for all interface with Joint Logistics Systems Center (JLSC). Coordinates all ARSTAF actions with JLSC, Defense Data Systems Center (DDSC) and Joint Transportation Systems Command (JTSC) (Provisional) to integrate DOD strategies , business practices, data, information systems, technologies and systems requirements. ARSTAF agencies retain policy proponency for CIM/JLSC implementation.

SLA (CONT'D)

Provides the necessary planning and recommendations to the DCSLOG for the long term management and consolidation of the wholesale and retail logistics systems. Serves as the resource manager for SLA planning, programming, budgeting and execution issues through the ODCSLOG Directorate for Resource Management; incorporates results of resource considerations into the Strategic Logistics Plan. Assists and supports ODCSLOG directorates by accepting tasking proposals consistent with the overall SLA integration and strategic logistics planning mission, as directed by the DCSLOG. Provides responsible stewardship of assigned resources monitored with aggressive internal controls.

Director: Mr. W.P. Neal

Department of the Army
U.S. Army Strategic Logistics Agency
Alexandria, Virginia

STAFF DIRECTORY

DIRECTOR (LOSA-ZA)

MR. W. P. NEAL, DIRECTOR.	4480
COL J. WARE, DEPUTY DIRECTOR.	4490
MR. G. STOREY, XO (Detailed)	4479
MS. M BURRIDGE	4490
LTC L. McHUGH, RC ADVISOR.	4482

OPERATIONS MANAGEMENT DIVISION (LOSA-OM)

COL WARE.	4574
MS. R. DINICOLA.	4574

PERSONNEL/MANPOWER

MR. B. TRIMBLE.	4486
MS. M. PARSONS.	4492

PROCUREMENT

MR. G. BOYD.	4487
MS. D. RAMIREZ.	4487

OFFICE AUTOMATION/PBO

MS. J. RIFE.	4488
MR. W. TROWBRIDGE.	4531

COMPUTER AIDED LOGISTICS SYSTEMS (LOSA-CL)

MR. R. NORTON, CHIEF.	4481
MS. S. BENNETT.	4483
MR. M. DUCODY.	4483
MS. K. HALLORAN.	4481
MR. A. SCHMACK.	4483
MS. D. GAHRES.	4481
MR. T. KERSHAW.	4483

STRATEGIC PLANNING DIVISION (LOSA-SP)

MARY MINOR, CHIEF.	4525
MS. P. PARSONS.	5127

TECHNOLOGY INSERTION TEAM

MS. M. HUGHES.	4526
MR. C. HANNAH.	4526

TOTAL DISTRIBUTION TEAM

LTC. T. MASSELINK.	4495
MR. A. ESTEVEZ.	4495
MS. B. BILLINGSLEY.	4527
MS. M. MARINEAU.	4489
MR. J. DENNING.	4527

LOGISTICS PROCESS TEAM

MS. B. NEWMAN.	4489
VACANT.	4489
MR. M. HENDRICKS.	4489

JOINT BATTLEFIELD LOGISTICS

LTC R. RICHARDS.	DSN 278-2132
MS. M. BOYTER.	DSN 278-2132

FORCE 2

LTC MASLINK.	DSN 785-0326

RESOURCE MANAGEMENT DIVISION (LOSA-RM)

MS. L. SCOTT, CHIEF.	4484
VACANT.	4486

BUDGET

VACANT.	4485
MS.S. McGRAW.	4485
MS. C. SCHMACK.	4486
MS. WHITEHURST.	4486
MS. C. JORDAN.	4486
MS. D. BURKE.	4486

CONCEPT DEVELOPMENT DIVISION (LOSA-CD)

MR. J. CRISCI, CHIEF.	4491
MS. C. HENDERSON.	4491

MAINTENANCE TEAM

LTC R. HILLS.	4496
MS. D. POLLARD.	4496

RES INTEG STANDARDIZATION AND SUPPORT TEAM

MR. B. BERGER.	4528

DOCUMENT AUTH & CONTROL TEAM

MR. A. GUELCHER.	4528

SINGLE STOCK FUND TEAM

MR. JOE BUSH.	4530
MS. G. GARRETT.	4727
MS. PLINSKY.	4530
TBA.	4727

TOTAL ASSET VISIBILITY TEAM

MS. C. BUTLER.	4496
MR. T. YEAGER.	4494
MS. A. REDMAN.	4494

PIPE-LINE MANAGEMENT TEAM

MR. J. WADDICK.	4493
MS. S. POORKER.	4493

ODISC4

DA

SLA

JLSC

LAISO

EDMS PMO

CALS
(Requirements Integration Office)

HQ AMC ACTIVITIES

INFORMATION MANAGEMENT COUNCIL

(Secretariat CIO)

working with

*JCALS
*JEDMICS
*FCIM
*ADCS
*EDMS

ACQUISITION ---- TECHNOLOGY ---- LOGISTICS

PROCESS OWNERS

- Deputy Chief of Staff for Personnel
- Deputy Chief of Staff for Research Development and Engineering
- Deputy Chief of Staff for Acquisition
- Deputy Chief of Staff for Logistics
- Deputy Chief of Staff for Resource Management

AMIS

** MAJOR SYSTEMS

* MAJOR SYSTEMS
** FORMERLY KNOWN AS AMSRC

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AMC INFORMATION MANAGEMENT COUNCIL (IMC)

MISSION:

- The IMC provides Executive level strategic guidance and direction for the planning, designing, developing, deploying, operating, and managing Information Management Activity (IMA) programs of AMC and resolve IMA policy issues.

- Approve command wide (corporate) IMA priorities.

- Provides specific guidance on issues that affect the IMA.

- Provide early notification of AMC corporate direction and future business strategies that will impact IMA support.

- Approve the IMA program and resource requirements to include a validated economic (or functional economic) analysis, prior to submission to AMC Resource Allocation Committee (RAC) Process.

- Perform Major Automated Information Systems Review Counsel (MAISRC)-like reviews for systems costing between $1M to $10M (systems cost), as well as pre-MAISRC for systems going to Department of the Army (DA)/Office of the Secretary of Defense (OSD) for approval.

- Act on matters referred by the Executive Steering Committee (ESC).

VOTING MEMBERS:

Principal Deputy for Acquisition	Deputy Chief of Staff for Acquisition
Principal Deputy for Logistics	Deputy Chief of Staff for Logistics
Principal Deputy for Technology	Deputy Chief of Staff for Engineering
Deputy Chief of Staff for Personnel	Corporate Information Officer, Secretariat
Deputy Chief of Staff for Research, Development and Engineering	Deputy Chief of Staff for Resource Management

CORPORATE INFORMATION OFFICE (CIO)

MISSION:

- System Oversight Division - Information Management Activity (IMA) planning , policy and resources oversight; process reinvention; Information Management Council (IMC) Secretariat.

- Field Support Division - Help DOIM's; IMA program management; AMC career program 34; operational support.

- Functional Technical Information Management Division - Information infrastructure architecture; High Performance Computing PGM; Corporate Information Management/Legacy Systems over watch.

- Director of Information Management (ISC TDA) - IMA service for HQ AMC & tenants.

CORPORTE INFORMATION OFFICER:
COL CHARLES D. DAVES

LEAD AMC INTEGRATION SUPPORT OFFICE, (LAISO),
REDSTONE ARSENAL, AL
(AMC Commanding General Formally Established LAISO in a June 12, 1992 Memo)

MISSION:

- Serve as AMC focal point for user (Customer) level action to the Joint Logistics Systems Center (JLSC).

- Conduct and coordinate actions relative to business case development and Functional Economic Analysis (FEAs).

- Coordinate user/testing acceptance for systems being implemented at an Army site (wholesale only).

- Support user level data calls.

- Provide input on cost estimates relative to JLSC actions and in support of DA/AMC Budget formulation.

- Be cognizant of internal functional coordinating group (FCG) actions relative to impact on JLSC actions (input vs chair).

- Serve on JLSC Configuration Board.

- Define mission essential Functional RQMTS and implement CDA work plan for SIMA West.

- Conduct Functional Business Case analysis and development.

- Plan and conduct test to support JLSC initiatives.

- Assess impact on hardware and software requirements to support JLSC.

Director: Mr. Mike Ivey

ENGINEERING DATA MANAGEMENT SYSTEMS (EDMS) PROGRAM MANAGEMENT OFFICE

MISSION:

The EDMS PMO mission is to achieve Corporate Information Management Goals for AMC by creating and maintaining standard engineering data management systems.

SCOPE:

The EDMS Program Manager manages control of existing and future generation engineering data management systems as defined below:

1.) Joint Computer-Aided Acquisition and Logistic Support (JCALS).
2.) Electronic Data Interchange (EDI) - Contractor Integrated Technical Information System (CITIS).
3.) Digital Storage and Retrieval Engineering Data System (DSREDS) (until replaced).
4.) Flexible Computer Integrated Manufacturing (FCIM) Interface.
5.) Technical Data/Configuration Management System (TD/CMS) (until replaced).
6.) Next Generation Engineering Data Management Systems (NGEDMS).

The EDMS Program Manager will also coordinate with other programs which will interface/ interact with the engineering data repository. These are defined as as Supported Projects and include but are not limited to:

1.) Joint Logistics Systems Centers' Standard Configuration Management Information System (currently - Configuration Logistics Information Program (CLIP)).
2.) Joint Engineering Data Management Information Control System (JEDMICS).
3.) Military Engineering Data Asset Locator System (MEDALS).

OBJECTIVES:

1. Provide guidance to developmental weapon system programs for receipt of single electronic data deliverables utilizing Government automation capabilities for conversion, routing, review, comments, and acceptance.

EDMS/PMO Office (CONT'D)

2. Establish minimal initial and sustainment cost automation infrastructure to support day to day workplace requirements as well as business process automation.

3. Provide technical support to configuration management and technical data management activities.

4. Posture for JEDMICS and Configuration Management System implementations.

5. Initiate Business Process Improvement program including Activity Based Costing Functional Economics Analysis to assist ATCOM in determining resource focus and reshape decisions.

* See description of system on page 70

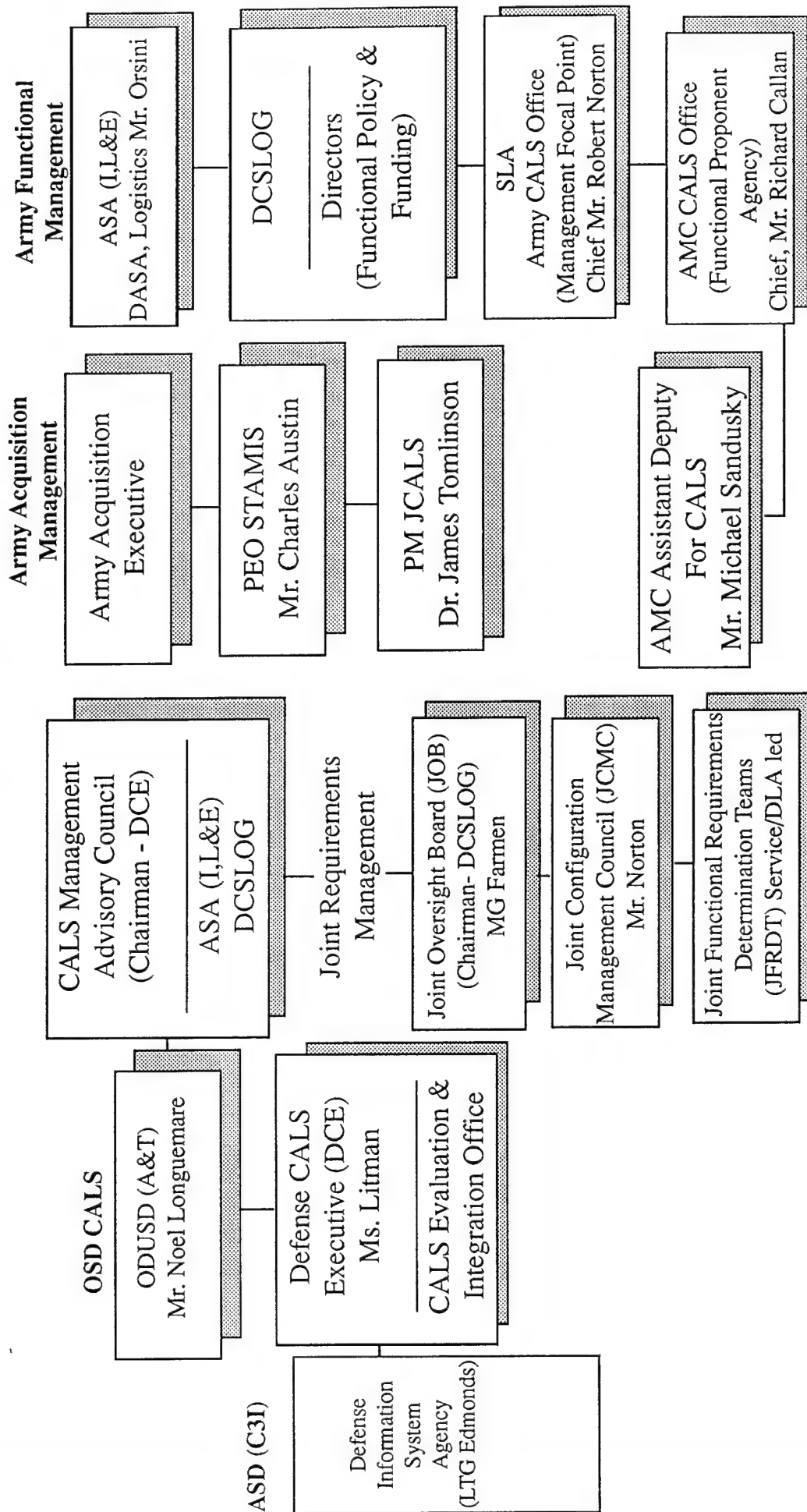# COMPUTER-AIDED ACQUISITION AND LOGISTIC SUPPORT (CALS) REQUIREMENTS INTEGRATION OFFICE

MISSION:

The Office supports the following actions:

• Serves as Army principal member to the Joint Logistics Commanders'. Joint Technical Coordinating Group for Integrated Product Data Environment (JTCG-IPDE) change.

• Serves as the AMC focal point for Electronics Commerce/Electronic Data Interchange.

• Coordinates user planning and actions for implementation and deployment of JCALS.

• Provide Army functional interchange to the JCALS Program Management Office for functional integration, programmatic, technical, logistics, and fielding issues.

• Provides representation to PM JCALS for working groups associated with design, development and deployment of JCALS. Representation can be either directly from the CALS office or delegated to an appointed representative from the AMC community. These JCALS working groups include: System Security Working Group, Data Integration Working Group, Test Integration Working Group, ILS Management Team, Deployment Working Group, Human System Integration Working Group, Training Working Group, Automated Information Systems Manuals Working Group, and Logistic Support Analysis,(LSA), Logistic Support Analysis Record, (LSAR) Working Group.

• Serves as Army member of Joint Configuration Management Council (JCMC) led by DA DCSLOG Strategic Logistics Agency.

• Coordinates user representation at established Joint-Service working groups to identify future CALS functional requirements.

Assistant Deputy For CALS, HQ AMC: Mr. Michael Sandusky
Chief, CALS Requirements Integration Office: Mr. Richard Callan

CALS
Army Participants

Army Functional Management

- ASA (I,L&E)
  DASA, Logistics Mr. Orsini
- DCSLOG
  Directors (Functional Policy & Funding)
- SLA
  Army CALS Office (Management Focal Point)
  Chief Mr. Robert Norton
- AMC CALS Office (Functional Proponent Agency)
  Chief, Mr. Richard Callan
  - AMC Assistant Deputy For CALS
    Mr. Michael Sandusky

Army Acquisition Management

- Army Acquisition Executive
- PEO STAMIS
  Mr. Charles Austin
- PM JCALS
  Dr. James Tomlinson

CALS Management Advisory Council (Chairman - DCE)
ASA (I,L&E)
DCSLOG

Joint Requirements Management

- Joint Oversight Board (JOB)
  (Chairman- DCSLOG)
  MG Farmen
- Joint Configuration Management Council (JCMC)
  Mr. Norton
- Joint Functional Requirements Determination Teams (JFRDT) Service/DLA led

OSD CALS

- ODUSD (A&T)
  Mr. Noel Longuemare
- Defense CALS Executive (DCE)
  Ms. Litman
- CALS Evaluation & Integration Office

ASD (C3I)

- Defense Information System Agency
  (LTG Edmonds)

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JOINT COMPUTER-AIDED ACQUISITION AND LOGISTIC SUPPORT (JCALS)

DESCRIPTION:

JCALS provides improvements to the entire set of business processes that govern a weapons system's complete life cycle. The system is data driven and provides an automated system architecture independent of application. JCALS will initially meet the Services/DLA's goals of automating technical manual processes and function for managing, acquiring, improving, publishing, stocking and distributing those manuals.

The JCALS system architecture provides a distributed, open systems environment that makes extensive use of both industry and Government standards. At the JCALS sites, hardware and software configurations are dependent on each site's organizations and functions, processing needs, and role in the overall system. Each site is equipped with three subsystems which provide the JCALS functionality and host the software.

1. The Network Processor provides local and wide-area communications processing.

2. The Data Management Processor distributes, manages, updates, and replicates data throughout the system.

3. The Workstation Server delivers the applications and functions to the user's workstation.

The JCALS telecommunications architecture provides both local area network (LAN) and wide area network (WAN) capabilities. The approach facilitates communications with existing systems.

The Integrated Weapon System Data Base (IWSDB) is a major component of the system's infrastructure. The IWSDB is structured on a relational data management model and is managed by a relational data base management system. The IWSDB is a single, logical data base that is geographically distributed. It consists of the weapon systems directory, the weapons systems data dictionary, the reference library, and weapon systems technical, logistics, and support data.

The JCALS Workbench provides text editing and graphics tools (as well as an Integrated Logistics Support/Reliability Availability Maintainability (ILS/RAM) tools capability to be incorporated as a block improvement.

JCALS (CONT'D)

The JCALS provides capabilities for the storage, retrieval, translation and manipulation of Computer-Aided Design/Computer-Aided Engineering (CAD/CAE) drawings and associated data files from incompatible systems.

FUNDING PROCESS: Mr. Klugh allocates funds to the JLSC. The JLSC disseminates funding to JCALS and JEDMICS.

ENGINEERING DATA MANAGEMENT SYSTEM (EDMS)

DESCRIPTION:

Engineering Data Management System (EDMS) is that set of computerized management information systems and related efforts that provide a centralized source on information for technical data management and control actions and accomplishments within all of AMC. The systems provide consolidated and integrated processes to support AMC's acquisition, logistics and sustainment missions. Existing /legacy systems and efforts included in EDMS are:

• Configuration management and configuration status accounting systems such as the Technical Data/Configuration Management System (TD/CMS) and the Configuration Logistics Information Program (CLIP) and successor systems.

• Engineering data and documentation repositories such as the Digital Storage and Retrieval Engineering Data System (DSREDS) and the Joint Engineering Data Management Information and Control System (JEDMICS) and successor systems.

• Functional proponent for computer aided design-engineering (CAD-E) to assure that CAD-E is utilized to improve the life cycle management of weapon systems.

• Next Generation of Engineering Data Management (NGEDM) Study and successor efforts (e.g., Engineering Data Management-2000) to establish strategic planning for Army engineering data management.

• Technical data package (TDP) management and certification tracking systems such as Data Management-Technical Loop (DM-TL) and TDP Tracker and successor or similar command-unique systems.

• Standardization and data management systems (to include statement of work and contract data requirements list generating systems)such as the Acquisition Streamlining Standardization Information System (ASSIST) and the Armament Research, Development and Engineering Center's (ARDEC's) Streamlined Acquisition Requirements Generator (SARGE) and successor or similar command unique systems.

• Systems used to plan, execute and evaluate engineering projects, such as ARDEC's Program Integration Scheduling and Management System (PRISM).

·EDMS (CONT'D)

• Concurrent engineering systems used to provide concurrency to the engineering process, such as ARDEC's Concurrent Engineering Actions System (CEAS), the U.S. Army Missile Command's Multi-User ECP Automated Review System (MEARS), and commercial EDM systems.

• Commercial and Government systems for the storage and retrieval of engineering documentation not stored in DSREDS/JEDMICS, such as ARDEC's Optical and Magnetic Disk Filing and Retrieval System (OMDFRS) and software configuration control and retrieval system.

• AMC's Technical Data Improvements Working Group (TDIWG) efforts to improve content and format of engineering and technical data will be incorporated into the FCG's functions.

The EDMS FCG coordinates with other FCGs to ensure interoperability and avoid duplication of effort in development and operation. Duties of selected existing FCG's are assumed by the EDMS FCG, and the existing FCG will be disbanded. The following AMIS-chartered FCG's will be incorporated into the EDMS FCG:

Technical Data/ Configuration Management FCG.
Data Management-Technical Loop FCG.
Computer Aided Design-Engineering FCG.
Standardization Management FCG.

EDMS FCG Chair (Mr. John Holvoet) is located at the U.S. Army Industrial Engineering Activity in Rock Island, Illinois. EDMS FCG Program Manager (Mr. Henry Younger) and the Program Office are located at MICOM, Redstone Arsenal, Huntsville, Alabama.

JOINT ENGINEERING DATA MANAGEMENT INFORMATION AND CONTROL SYSTEM (JEDMICS)

DESCRIPTION:

Joint Engineering Data Management Information and Control System (JEDMICS), is the DOD system designated to replace DSREDS by FY 97. Army functionality should be incorporated by the 4th quarter FY 95 pending funding from OSD. Six sites have been designated to be installed within AMC. JEDMICS has also been designated by Mr. Klugh to be the repository for storing Tech Manuals. No funding has been provided for this requirement. JEDMICS provides the means to efficiently convert, store, protect, process, locate and retrieve information previously contained on aperture cards and paper. Large engineering drawings and related text are scanned and stored on network accessible optical media providing near-immediate online access at distributed workstations. The JEDMICS application also provides the capability to accept digital data from magnetic tape, optical platters, CAD stations, and other digital processes.

Many types of hardcopy media are currently accepted as input by JEDMICS:
- Aperture Cards
- Vellum
- Paper
- Blueline
- Mylar

The hardcopy is scanned electronically through JEDMICS indexed, checked for quality and stored in optical jukeboxes. The images can then be retrieved within seconds of request for viewing, editing, printing, plotting, building compound documents, and distributing.

JEDMICS conforms to Continuous Acquisition and Life-cycle Support (CALS) standards and follows the guidance of the CALS Handbook (MIL-STD-HDBK-59)

It has been designed as an open, client-server architecture, fully scalable to meet present as well as future requirements. The JEDMICS architecture is comprised of six integrated subsystems:
- Input
- Storage
- Data Integrity
- Workstation
- Index
- Output

JEDMICS (CONT'D)

Each subsystem is expandable and upgradable to incorporate new hardware as it becomes available, without software conversion. It supports JEDMICS supports a range of concurrent users, from small systems with eight users to large systems with 256 users.

JEDMICS provides the applications necessary to ensure image integrity and control. The System Administration Utilities within JEDMICS provide the full range of capabilities to:

- track system usage;
- report system statistics;
- apply security restrictions to users, devices, and documents;
- backup and restore documents or index data.

The Deputy Program Manager Mr. Henry Younger is located at MICOM, Redstone Arsenal, AL.

The Program Manager, Mr. Robert Houts, Navy, is located in Crystal City, VA

JEDMICS Current Status

- JEDMICS Migration Test Facility - Installed at MICOM January 94
    - DSREDS/EDCARS data conversion responsibility - 16M+ Images

- JEDMICS Accelerated Deployment Schedule
    - DUSD (L) wants to install remaining JEDMICS sites in 1995 and turn off DSREDS.
    - Minimum Army requirements have been identified
    - Release 2.5 Scheduled for August 1995

- JEDMICS Release 2.4.4
    - Being Tested at MICOM. Scheduled Release March 1995.
      Includes changes to allow storing multiple data types.

- Depot JEDMICS Sites Installed
    - Letterkenney JEDMICS Dedicated, October 12, 1994.
    - Anniston & Tobyhanna, October 24, 1994.
    - Corpus Christi, November 7, 1994
    - Red River, November 14, 1994.

AUTOMATED DOCUMENT CONVERSION SYSTEM (ADCS)

I. Background and Description:

A. Congressional Initiative:
1. Congressman Cunningham Letter of 10 June Provided Draft Bill Language;
2. Congressman Duncan Hunter Support;
3. Congressman Lewis Sponsorship;
4. DLA/DPS Meeting of 10 June 1993.

B. Intent of Congress:
"DoD shall acquire and test an automated document conversion system for the purpose of converting archival drawings and specifications of systems currently in the DoD inventory into forms of data that support high-level intelligent usage, such as Initial Graphics Exchange Specifications (IGES), Product Data Exchange Specifications (PDES), etc."

C. ADCS Congressional Requirements:
1. Convert "Legacy" Drawings/Documents;
2. Output to GIS, CAD/CAM & Publishing Systems;
3. CALS-Compliant for Weapon Systems Tech Data;
4. SECDEF Report to Congress by 1 Sept 1994.

D. ADCS Agency-Recommended Sites Potential ADCS Sites (as of 2/18/94):

ARMY
MICOM, Hunstville, AL

AIR FORCE
AGM System, WPAFB

NAVY
NSWC, Crane, IN
Newport News Shipyard
NAWC, Indianapolis
Joint CAD/GIS

ARMY COE
TACOM
TBD

DLA
DISC, Phila
DESC, Dayton
DCSC, Columbus
DGSC, Richmond
Marine Corps
MCLB Albany,GA

DMA
Riverdale, MD
Fairfax, VA
Brookmont, Md
St. Louis, Mo
Gila Bend, AZ
Mineral Wells, TX

ADCS (CONT'D)

E. ADCS Report Requirements

"The Secretary of Defense shall report to the Congress Not later than 1 September 1994 on the results of testing this system.

This report will include projected savings in manpower, time and funding. For the purposes of acquiring the necessary computer equipment and software to conduct this test and to convert archival data, the committee authorizes $20 million."

F. Expectations:
1. Test & Measure ADC Potential;
2. Facilitate FCIM/Automated Mfg/Data Base;
3. Construction for JCALS, etc.;
4. Quantify Potential Savings;
5. Potential for Continued Congressional Funding.

II. ADCS Current Status

- Testing at MICOM Completed December 30, 1994.

- Reporting to DUSD(L) and Congress NOT Staffed thru Army Commanders i.e. MICOM was not allowed input to Report.

- MICOM Findings;
    - Tested ADCS in MICOM Tech-Loop Process
    - 200 Drawings Submitte, 55 Returned, 0 Usable Data
    - Substantial Risk of Loosing Data Required 100% Check
    - To put engineering back into drawings requires engineering talent
    - Conversion Time 8.6 hours / drawing Not Acceptable
    - Re-submit of Drawings for PM Approval is Unacceptable

- ADCS Formats not CALS / JEDMICS Compliant
    - Document of Record must be viewable via JEDMICS.

- ADCS Does Not Provide Value Added to MICOM Process.

FLEXIBLE COMPUTER INTEGRATED MANUFACTURING (FCIM)

DESCRIPTION:

Flexible Computer Integrated Manufacturing (FCIM) is the integration of equipment, software, communication, human resources and business practices within an enterprise to rapidly manufacture, repair and deliver items on demand with continuous improvements in the process.

AMC has a number of FCIM initiatives on-going at arsenals and depots:

Rock Island Arsenal;
Watervliet Arsenal;
Tobyhanna Army Depot (CECOM oriented);
Letterkenny Army Depot (MICOM);
Anniston Army Depot (TACOM).

The FCIM activities are geared to the type of commodity specialty that the Army facility has as its predominant mission.

A primary purpose of FCIM is to provide systematic means for manufacturing a needed part when an industry source of supply is not available. There is no intent to compete with industry for manufacturing business on a large scale. Order quantities are minimal.

CECOM has the lead on the Army FCIM Electronics Module. Business process changes and electronic links are being established between CECOM, Tobyhanna AD, ARL (EPSD &MTD), DLA and other service sites. Purpose is to create rapid response capability. Initial focus is on circuit assemblies.

AMCCOM/IOC has the lead on the Army FCIM Mechanical Module. Business process changes and electronic links are being planned between AMCCOM/IOC, Rock Island Arsenal, Anniston AD, and Watervliet Arsenal. Purpose is to create a rapid response capability. Initial focus is on parts machined from mill stock.

TACOM has the lead for the Joint FCIM Experiment on the M1A2 Tank Upgrade Program. Teams formed with Army, Industry, and DLA representatives, are establishing plans for process changes.

FCIM (CONT'D)

Joint Center for FCIM - co-located with the South Carolina Research Authority in Charleston, is staffed by the parent organization within the Services. Centralized funding for the Center helps provide for coordination and integration of efforts among the Services.

There are only about 6-8 government personnel on-station (plus support contractors) at the Center; another 6 government persons are remote site personnel who support Center efforts on a part-time basis.

Army FCIM is located at U.S. Army Industrial Engineering Activity in Rock Island, Illinois.

ARMY FCIM
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